BRIGHAM YOUNG UNIVERSITY

Annual Catalog Issue
1940-41

LIBRARY
Brigham Young University

BYU
378
B76
1940-41

GIFT OF

Digitized by the Internet Archive
in 2010 with funding from
Brigham Young University

http://www.archive.org/details/cataloguenumber19401941brig

BRIGHAM YOUNG UNIVERSITY QUARTERLY

Catalogue Number

FOR THE SCHOOL YEAR
1940-1941

Published by
BRIGHAM YOUNG UNIVERSITY
PROVO, UTAH

1940

JANUARY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

FEBRUARY

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

MARCH

					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24/31	25	26	27	28	29	30

APRIL

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MAY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JUNE

						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24	25	26	27	28	29

JULY

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

AUGUST

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SEPTEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

OCTOBER

		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

NOVEMBER

					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

DECEMBER

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1941

JANUARY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

FEBRUARY

						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

MARCH

						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24/31	25	26	27	28	29

APRIL

		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

MAY

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JUNE

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

JULY

		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

AUGUST

					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24/31	25	26	27	28	29	30

SEPTEMBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

OCTOBER

			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

NOVEMBER

						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24	25	26	27	28	29

DECEMBER

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Church School Officials

GENERAL CHURCH BOARD OF EDUCATION

HEBER J. GRANT
J. REUBEN CLARK, JR.
DAVID O. McKAY
RUDGER CLAWSON
JOSEPH FIELDING SMITH
STEPHEN L. RICHARDS
RICHARD R. LYMAN
JOHN A. WIDTSOE
ADAM S. BENNION
JOSEPH F. MERRILL
CHARLES A. CALLIS
FRANKLIN L. WEST
ALBERT E. BOWEN

ARTHUR WINTER, Secretary-Treasurer

CHURCH COMMISSIONER OF EDUCATION

FRANKLIN L. WEST

Authorities of Brigham Young University

BOARD OF TRUSTEES

HEBER J. GRANT, President
J. REUBEN CLARK, JR., 1st. Vice-President
DAVID O. McKAY, 2nd. Vice-President

RUDGER CLAWSON
JOSEPH FIELDING SMITH
STEPHEN L. RICHARDS
RICHARD R. LYMAN
JOHN A. WIDTSOE
ADAM S. BENNION
JOSEPH F. MERRILL
CHARLES A. CALLIS
FRANKLIN L. WEST
ARTHUR WINTER
ALBERT E. BOWEN

KIEFER B. SAULS, Secretary-Treasurer

EXECUTIVE COMMITTEE

JOSEPH FIELDING SMITH
STEPHEN L. RICHARDS
JOHN A. WIDTSOE
JOSEPH F. MERRILL
CHARLES A. CALLIS
ALBERT E. BOWEN

FRANKLIN S. HARRIS

University Calendar

1940

AUTUMN QUARTER

September 2—Training School begins.

September 16—First Faculty Meeting.

September 20 and 21—Registration days. Freshman instructions and examinations.

September 23—Registration continued.

September 24—Instruction begins.

October 16—Founder's Day celebration.

November 28 to December 2—(Wednesday evening until Monday morning—Thanksgiving Recess.)

December 20—Friday evening—Autumn Quarter closes.

1941

WINTER QUARTER

January 6—Winter Quarter begins.

January 27 to January 31—Leadership Week.

March 21—Winter Quarter closes.

SPRING QUARTER

March 24—Spring Quarter begins.

June 1—Baccalaureate services.

June 3—Alumni Reunions.

June 4—Sixty-fourth Commencement Exercises.

June 9—Summer Quarter begins.

Administrative Officers

Franklin S. Harris	**President**
Kiefer B. Sauls	**Secretary-Treasurer**
Carma Ballif	Assistant in Treasurer's Office
John E. Hayes	Registrar
Christen Jensen	Dean of the Graduate School
Carl F. Eyring	Dean of the College of Arts and Sciences
Herald R. Clark	Dean of the College of Commerce
Amos N. Merrill	Dean of the College of Education
Gerrit de Jong, Jr	Dean of the College of Fine Arts
Thomas L. Martin	Dean of the College of Applied Science
Carlton Culmsee	Director Extension Division
A. C. Lambert	Dean of the Summer Session
Nettie Neff Smart	Dean of Women
Wesley P. Lloyd	Dean of Men
Golden L. Woolf	Principal Secondary Training School
Hermese Peterson	Principal Elementary Training School
Lloyd L. Cullimore	Medical Director
Anna Ollorton	Librarian

The Faculty*

FRANKLIN STEWART HARRIS .... **President**

B. S. Brigham Young University, 1907; Ph. D., Cornell University, 1911; Student University of Paris, 1927; Instructor, Juarez Academy, 1904-05; Assistant Chemist, Utah Experiment Station, 1907-08; Instructor in Soils, Cornell University, 1907-08; Professor of Agronomy, Utah Agricultural College and Agronomist, Utah Experiment Station, 1911-21; Director School of Agricultural Engineering and Mechanic Arts, 1912-16; Director Utah Experiment Station, 1916-21; President Brigham Young University, 1921—

JOHN C. SWENSEN ......**Professor of Economics and Sociology**

A. B., Stanford University, 1898; M. A., Columbia University, 1921; Graduate work, Columbia University, Summer of 1924; Assistant Professor of English, Brigham Young University, 1898-99; Professor of History and Economics, 1899-1900; Dean of College of Education, 1921-24; Professor of Economics and Sociology, 1906—

CHARLES E. MAW..**Professor of Chemistry**

A. B., Stanford University, 1903; S. M., University of Chicago, 1916; Ph. D., Stanford University, 1924; Graduate work, Columbia University, 1916; University of California, 1923; Professor of Chemistry Brigham Young University, 1903—

CHRISTEN JENSEN.................**Professor of History and Political Science, Dean of Graduate School**

A. B., University of Utah, 1907; A. M., Harvard University, 1908; Ph. D., University of Chicago, 1921; Graduate work; University of California; Study in Europe, 1928; Assistant Professor of History and Political Science, Brigham Young University; 1908-11 Professor, 1911—Acting Dean College of Applied Science, 1924-29; Acting President, Brigham Young University, 1939-40; Dean Graduate School, 1929—

---

*The University Council consists of the President and all members of the faculty with the rank of professor, associate professor, or assistant professor.

AMOS N. MERRILL................**Professor of Secondary Education**
Dean of College of Education

B. S., Utah Agricultural College, 1896; M. S., University of Illinois. 1908; Ph. D., Stanford University, 1926; Graduate student, Harvard University and travel In Europe, 1938; Exchange Professor in Education, University of Maine, 1940; Professor of Agriculture, Brigham Young College, 1905-09; Professor of Agriculture, Brigham Young University 1909-22; Dean of Church Teachers' College, 1917-23; Professor of Secondary Education and Supervisor of Secondary Training, 1924; Acting Dean College of Education, 1930-39; Dean of College of Education 1939—.

CARL F. EYRING............**Professor of Physics and Mathematics**
Dean of the College of Arts and Sciences

A. B. Brigham Young University, 1912; M. A., University of Wisconsin, 1915; Ph. D., California Institute of Technology, 1924; Assistant in Physics, University of Wisconsin, 1914-15; Assistant in Physics, California Institute of Technology, 1922-23; Acoustical Engineer, Bell Telephone Laboratories, 1929-31; Assistant in Physics, Brigham Young University, 1910-12; Instructor, 1912-14; Assistant Professor, 1915-17; Professor of Physics and Mathematics, 1917—; Dean of the College of Arts and Sciences, 1924—.

VILATE ELLIOTT......**Professor Emeritus of Home Economics**

B. Pd., Brigham Young University, 1895; Graduate work Pratt Institute; Student State Normal School Santa Barbara, California; University of Chicago; Study in Europe, 1924-25; Floating University, 1930-31; Professor of Home Economics, Brigham Young University, 1908—.

BENJAMIN F. CUMMINGS................**Professor of Modern and Classical Languages**

A. B., University of Utah, 1913; Graduate work, University of Utah; University of Chicago; Stanford university; University of Paris; Instructor Modern Languages, Latter-day Saints University, 1910-12; 1914-20; Instructor Modern Languages, University of Utah, 1913-14; Professor of Modern and Classical Languages, Brigham Young University, 1920—.

FLORENCE JEPPERSON MADSEN..........**Professor of Music**

B. M., Chicago Musical College, 1926; M. M., 1927; Doctor of Music, Boguslawski College of Music, 1932; A. B. Brigham Young University, 1934; Graduate Work in Music, New England Conservatory of Music; Director, Vocal Department, Lasalle Seminary, Boston, 1911-16; Instructor in Vocal Art, L. D. S. School of Music and Weber College, 1916-18; Instructor in Music, Chicago Musical College, Summers of 1927-40; Brigham Young University, 1910-11; 1916-18; Professor of Music, 1920—.

THOMAS L. MARTIN........................**Professor of Agronomy and Bacteriology, Dean of the College of Applied Science**

A. B., Brigham Young University, 1912; Ph. D., Cornell University, 1919; Study in Europe, 1930; Principal, Big Horn Academy, 1912-15; Emery Stake Academy, 1916-17; Millard Academy, 1919-21; Instructor in Soils, Cornell University, 1917-19; Professor of Agronomy, Brigham Young University, 1921-35; Professor of Agronomy and Bacteriology, 1935—. Dean of the College of Applied Science, 1937—.

WILLIAM J. SNOW..**Professor of History**

A. B., Brigham Young University, 1919; Ph. D., University of California, 1923; Principal, Uintah Stake Academy, 1906-08; Instructor in History, Brigham Young University, 1910-15; Assistant Professor of History, 1915-17; Professor of History, 1917—.

T. EARL PARDOE..**Professor of Speech**

Graduate of Leland Powers School, 1913; A. B., Brigham Young University, 1925; M. A., University of Southern California, 1932; Graduate Work, Columbia University; Speech Correction, University of Southern California; Ph. D., University of Louisiana, 1936; Head of Department of Dramatic Art and Public Speaking, Weber Normal College, 1915-18; Associate Professor of Public Speaking and Dramatic Art, Brigham Young University, 1920-22; Professor of Speech, 1922—.

M. WILFORD POULSON.......................**Professor of Psychology**

A. B. Brigham Young University, 1914; M. A., University of Utah, 1919; Graduate work, University of Chicago; University of California; Stanford University; Instructor in Education Brigham Young University 1910-1916; Assistant Professor of Education, Brigham Young University, 1916-19; Associate Professor of Education, 1919-22; Associate Professor of Psychology, 1922-23; Professor, 1923—.

VASCO M. TANNER......**Professor of Zoology and Entomology**

A. B., Brigham Young University, 1915; M. A., University of Utah, 1920; Ph. D., Stanford University, 1925;

---

*On leave of absence.

Head of Department of Biology, Dixie College, 1916-18, 1920-24; Professor of Zoology and Entomology, Brigham Young University, 1925—.

HERALD R. CLARK................**Professor of Finance and Banking**
Dean of the College of Commerce

A. B., Brigham Young University, 1918; M. B. A., University of Washington, 1924; Graduate Work, Ohio State University; Instructor in Accounting Brigham Young University, 1913-17; Assistant Professor of Finance and Banking, 1917-27; Associate Professor of Finance and Banking, 1927-28; Professor, 1928—; Dean of College of Commerce, 1934—.

PARLEY A CHRISTENSEN........................**Professor of English**

B. S., Utah Agricultural College, 1914; A. M., Stanford University, 1925; Ph. D., Stanford University, 1927; Assistant Professor of English, Brigham Young College, 1917-25; Professor of English, Brigham Young College, 1925-26; Associate Professor of English, Brigham Young University, 1927-28; Professor, 1928—.

GERRIT de JONG, JR..............**Professor of Modern Languages**
Dean of College of Fine Arts

A. B., University of Utah, 1920; M. A., 1925; Ph. D. Stanford University, 1934; Graduate Work, National University of Mexico; University of Munich; Stanford University; Instructor, Murdock Academy, 1916-18; Instructor, Latter-day Saints University, 1919-25, Associate Professor of Modern Languages, Brigham Young University, 1925-29; Professor, 1929—; Dean of College of Fine Arts, Brigham Young University, 1925—.

GEORGE H. HANSEN......**Professor of Geology and Geography**

B. S., Utah Agricultural College, 1918; M. S., George Washington University, 1925; Ph. D., George Washington University, 1927; Field Work with U. S. Geological Survey, Summers of 1918, 1925, 1926 in Utah, Colorado and New Mexico; Assistant Professor of Geology and Geography, Brigham Young University, 1927-29; Professor of Geology and Geography, 1929—.

HARRISON VAL HOYT................**Professor of Accounting and**
Business Administration

Bachelor of Science (Engineering) Purdue University, 1913; M. B. A., Harvard Graduate School of Business Administration, 1917; Ph. D., Stanford University, (Graduate School of Business Administration) 1931; Professor of Accounting and Business Administration and Dean of the College of Commerce, Brigham Young University, 1921-31; Dean of Oregon State College School of Commerce, 1931-32; Dean and Director of the University of Oregon School of Business Administration and Commerce Work at the Oregon State College, 1932-36; Professor of Accounting and Business Administration, Brigham Young University, 1937—.

ELMER MILLER ....**Professor of Economics**

A. B. Stanford University, 1914; Graduate Work, Stanford University; University of Chicago; University of California; Instructor Dixie Normal College, 1911-12; Superintendent Alpine School District, 1922-25; Assocciate Professor of Economics, Brigham Young University, 1923-29; Professor of Economics, 1930—.

MILTON MARSHALL..**Professor of Physics**

A. B., Brigham Young University, 1918; Ph. D., University of Chicago, 1924; Instructor of Physics, Brigham Young University, 1919-21; Assistant Professor, 1924-27; Associate Professor, 1927-30; Professor, 1930—.

GUY C. WILSON..........................**Professor of Religious Education**

B. Pd., Brigham Young University, 1900; Graduate Work, Brigham Young University, University of Utah, University of Chicago, Columbia University; Instructor, Brigham Young University, 1896-97; Principal.Juarez Stake Academy, 1897-1912; Teacher of Granite Seminary, 1913-15; President Latter-day Saints University, 1915-26; Supervisor of Religious Education, L. D. S. Department of Education, 1926-30; Professor of Religious Education, Brigham Young University, 1930—.

BENT F. LARSEN..**Professor of Art**

A. B., Brigham Young University, 1912; M. A., University of Utah, 1922; Graduate Work, University of Chicago, Art Institute of Chicago, Academic Julian, Paris, Academie Colarossi, Paris, Academie de La Grande Chaumiere, Paris; Student in Europe for sixteen months, 1929-30, with George Elmer Brown Art Group and in the Academie Andre' L'Hote; Supervisor of Art B. Y. U. Training School, 1908-12; Associate Professor of Art, 1912-31; Professor of Art, 1931—.

LEROY J. ROBERTSON.................................**Professor of Music**

Graduate of New England Conservatory of Music, 1923; A. B., Brigham Young University, 1932; M. A., Brigham Young University, 1932; Study in Europe, 1932-33; Instructor of Music, Brigham Young University, 1924-26; Assistant Professor of Music, 1926-27; Associate Professor of Music, 1927-31; Professor of Music, 1931—.

FRANKLIN MADSEN.....................................**Professor of Music**

A. B., Brigham Young University, 1925; M. A., Brigham Young University, 1931; from the Chicago Musical College, Graduate Diploma, 1925; Teachers' Certificate in Vocal Art and Singing, 1927; B. M., 1926; M. M., 1927; B. M. E., 1928; Mus. Doc., 1929; M. M. E. (Master of Music Education), 1932; Honorary Doctor of Music Education from Boguslawski College of Music, 1933; Instructor Chicago Musical College, Summers of 1927-40; and the winter of 1927-28; Instructor in Music, Brigham Young University, 1920-24; Assistant Professor of Music, 1924-30; Associate Professor of Music, 1930-31; Professor of Music, 1931—.

ASAEL C. LAMBERT..**Professor of Educational Administration**
Dean of Summer Session

B. S., Brigham Young University, 1925; M. S., 1926; Ph. D., Stanford University, 1935; Superintendent of Public Instruction, Fremont County, Idaho, 1923-24; Instructor, Brigham Young University, 1924-27; Principal, University High School, 1926-28; Assistant Professor of Secondary Teaching, 1927-32; Associate professor, 1932-34; Professor of Educational Administration, 1934—. Dean Brigham Young University Summer Session, 1937—.

EFFIE WARNICK..........................**Professor of Home Economics**

B. S., Utah Agricultural College, 1914; M. S., Iowa State College, 1937; Graduate work, Columbia University, University of California, University of Chicago, Iowa State College; Instructor, Branch Agricultural College, 1914-15; Instructor in Foods and Nutrition, Brigham Young University, 1922-23; in Household Administration, 1923-1927; Assistant Professor, 1927-30; Associate Professor, 1930-35; Professor, 1935—.

J. MARINUS JENSEN...................................**Professor of English**

A. B., Brigham Young University, 1912; M. A., University of Chicago, 1919; Graduate Work, University of California, Stanford University, Columbia University; Instructor in English, Brigham Young University, 1910-19; Assistant Professor of English, 1919-21; Associate Professor, 1921-36; Professor of English 1936—.

GEORGE STEWART.................. **Special Professor of Agronomy**

B. S., Utah State Agricultural College, 1913; M. S., Cornell University, 1918; Ph. D., University of Minnesota, 1926; Professor of Agronomy, U. S. A. C., 1919-30; Senior Ecologist, Branch Research U. S. Forest Service, 1930—; Special Professor of Agronomy, Brigham Young University, 1932—.

LLOYD L. CULLIMORE.................................... **Medical Director**

B. S., University of Utah, 1922; M. D., George Washington Medical College, 1925; Instructor in Physiology, George Washington Medical College, 1925-26; Instructor in Health Education, Brigham Young University, 1927; Assistant Medical Director, 1928-29; Medical Director, 1929—.

HERMESE PETERSON.......................... **Professor of Elementary Education**

B. S., Brigham Young University, 1928; Graduate work, Brigham Young College, Utah Agricultural College, Columbia University, University of Utah, University of California, University of Chicago; Primary Supervisor of Alpine School District, 1908-12; Study in Europe, 1928; Critic Teacher, Brigham Young University Training School, 1912-20, Primary Supervisor, 1920-23; Assistant Professor of Elementary Teaching, 1923-35; Associate Professor, 1935-36; Professor of Education, 1936—.

WILLIAM H. BOYLE................................ **Professor of Education**

A. B., Brigham Young University, 1913; M. A., 1923; Graduate work, University of California, University of Southern California; Principal, Brigham Young University High School, 1910-26; Assistant Professor of Elementary Education, 1923-35; Associate Professor, 1935-36; Professor of Education, 1936—.

ROBERT SAUER .... **Professor of Music**

Graduate of Music School of Dresden, Germany; Student Siegel Meyer Music Conservatory of Chicago, 1905; Instructor of Music, Brigham Young University, 1905-20; Assistant Professor of Music, 1920-24; Associate Professor of Music, 1924-1938; Professor of Music, 1938—.

CHARLES J. HART.................... **Professor of Physical Education and Athletics**

B. S., Utah Agricultural College, 1922; M. A., New

York University, 1932; Graduate work, Utah Agricultural College, University of Wisconsin; Instructor Teton High School, 1923-25; Instructor in Physical Education and Athletics, Brigham Young University, 1925-27; Assistant Professor, 1927-37; Associate Professor of Physical Education, 1937; Professor of Physical Education, 1938—.

WAYNE B. HALES..**Professor of Physics and Mathematics**

A. B., Brigham Young University, 1916; M. A., University of Utah 1922; Ph. D., California Institute of Technology, 1926; Instructor in Physics, Ricks College, 1916-21; President Snow College, 1921-24; Professor of Physics, Weber College, 1926-30; Associate Professor of Physics, Brigham Young University, 1930-1938; Professor of Physics and Mathematics, 1938—.

H. GRANT IVINS..........................**Professor of Animal Husbandry**

B. S., Utah State Agricultural College, 1917; Instructor in Animal Husbandry, Brigham Young University, 1929-31; Assistant Professor, 1931-37; Associate Professor of Animal Husbandry, 1937-1938; Professor of Animal Husbandry, 1938—.

SETH T. SHAW..**Professor of Horticulture and Landscape Architecture**

B. S., Utah State Agricultural College, 1931; M. S. Utah State Agricultural College, 1933; Graduate work, University of Missouri, 1936-37; Instructor in Horticulture, Brigham Young University, 1931-34; Assistant Professor, 1934-37; Associate Professor of Horticulture, 1937-1938; Professor of Horticulture and Landscape Architecture, 1938—.

BERTRAND F. HARRISON..........................**Professor of Botany**

B. S., Brigham Young University, 1930; M. S. Brigham Young University, 1931; Ph. D., University of Chicago, 1937; Graduate Assistant in Botany, University of Chicago, 1936-37; Assistant in Botany, Brigham Young University, 1929-31; Instructor in Botany, 1931-35; Assistant Professor, 1935-37; Associate Professor of Botany, 1937-1938; Professor of Botany, 1938—.

CLARENCE S. BOYLE..........................**Professor of Accounting and Business Administration**

B. S., Brigham Young University, 1924; M. S. in Retailing, New York University, 1926; Graduate work, New York University, 1926-27, 1937-38; Associate Professor of Accounting and Business Administration, Brigham Young University, 1927-39; Professor of Accounting and Business Administration, 1939—.

SIDNEY B. SPERRY..**Professor of Religious Education**

A. B., University of Utah, 1917; M. A., University of Chicago, 1926; Ph. D., University of Chicago, 1931; Graduate work, American School of Oriental Research, Jerusalem, Palestine; Principal American Fork Seminary, 1922-24; Weber Seminary, 1924-25; Moroni Semiinary, 1925-26; Pocatello Seminary and Institute, 1927-28; Director L. D. S. Institute, Moscow, Idaho, 1929-31; Associate Professor, Brigham Young University, 1932-39. Professor of Religious Education, 1939—.

WESLEY P. LLOYD..**Professor of Philosophy of Education and Dean of Men**

B. S., Brigham Young University, 1927; M. S., 1933; Ph. D., University of Chicago, 1937; Instructor in Social Sciences, Edmunds High School, 1927-29; Principal, 1929-30; Principal L. D. S. Seminary at Grace, Idaho, 1930-31; Principal L. D. S. Seminary at Oakley, Idaho, 1931-34; Research Fellow, University of Chicago, 1936-37; Instructor in Education, Brigham Young University, Summer, 1935; Assistant Professor of Philosophy of Education, 1937-38; Associate Professor of Philosophy of Education and Dean of Men, 1938-39. Professor of Philosophy of Education, 1939—.

JAMES WYLEY SESSIONS--**Professor of Religious Education and Director of Religious Activities**

B. S., Utah State Agricultural College, 1911; M. A., University of Idaho, 1928; Professor of Agriculture, University of Idaho, Southern Branch, 1912-17; Extension Division, University of Idaho, 1917-19; President, South African Mission, 1920-26; Director, L. D. S. Institute. University of Idaho, 1927-30, University of Idaho, Southern Branch, 1930-35, University of Wyoming, 1935-36; Director, Missionary Training School, Salt Lake City, 1936-38, Professor of Religion, L. D. S. Institute, Logan, Utah, 1938-39; Professor of Relegious Education and Director of Religious Activity, Brigham Young University, 1939—.

WILLIAM H. SNELL ....**Professor of Mechanic Arts**

A. B., Brigham Young University, 1918; M. S., Brigham Young University, 1939; Special Work at Bradley Polytechnic Institute, and The School of Architecture, University of Southern California; Instructor in English, Brigham Young University, 1915-17; Instructor in

Woodwork, 1916-21; Assistant Professor of Mechanic Arts, 1921-36; Associate Professor of Mechanic Arts, 1936—1939. Professor of Mechanic Arts, 1939—.

JOSEPH SUDWEEKS..........**Associate Professor of Educational Administration**

B. S., University of Idaho, 1912; M. A., University of Chicago, 1920; Ph. D., University of Wisconsin, 1925; Instructor and Supervisor of Training, U. S. Veterans' Bureau, University of Idaho, 1920-23; Assistant in Department of Education, University of Idaho, 1920-21; Assistant Professor of Educational Administration, Brigham Young University, 1925-27; Associate Professor, 1927—.

ED. M. ROWE*..............................**Associate Professor of English**

A. B., Brigham Young University, 1923; Graduate work, Utah Agricultural College, Brigham Young University, University of Chicago, University of Wales, 1931-33; Principal, Spanish Fork High School, 1910-12; Instructor in English, Brigham Young University, 1924-27; Assistant Professor, 1927-35; Associate Professor, 1935—.

ALONZO J. MORLEY....................**Associate Professor of Speech**

A. B., Brigham Young University, 1925; M. A., Brigham Young University, 1931; Ph. D., University of Iowa, 1935; Teacher of Public Speaking and Dramatic Art, Uintah County High School, 1925-26; Head of Speech Department, Weber County High School, 1926-27; Instructor in Speech, Brigham Young University, 1928-30; Assistant Professor, 1930-35; Associate Professor, 1935—.

JOSEPH K. NICHOLES..........**Associate Professor of Chemistry**

A. B., Brigham Young University, 1916; M. A., Stanford University, 1924; Graduate work, University of Chicago summer of 1933, and at Stanford University summer of 1934 and 1936; President, Dixie College, 1919-23, and 1926-33; Assistant Professor of Chemistry, Brigham Young University, 1933-36; Associate Professor of Chemistry, 1936—.

KARL E. YOUNG............................**Associate Professor of English**

B. S., Utah State Agricultural College, 1924; B. A. and M. A., Oxford University, 1934; Graduate work at Harvard University; Instructor in English; Brigham Young University, 1930-31; Assistant Professor of English, 1932-37; Associate Professor of English, 1937—.

---

*On leave of absence.

REUBEN D. LAW*.......................................**Associate Professor of Elementary Education**

B. S., Utah State Agricultural College, 1928; M. S., Utah State Agricultural College, 1933; Graduate work, University of Southern California; Superintendent of Schools, Rich County School District, 1929-35; Instructor in Education, Utah State Agricultural College. Summer Session, 1933; Superintendent of Schools, Duchesne County School District, 1935-36; Visiting Professor of Education, University of Southern California, Summer, 1940; Assistant Professor of Elementary Education, Brigham Young University, 1936-1938; Associate Professor, 1938—.

EDWIN R. KIMBALL................**Associate Professor of Physical Education and Director of Athletics**

B. S., Brigham Young University, 1926; M. S., University of Southern California, 1935; Instructor in Physical Education and Athletics, Millard County High School, 1926-27; Instructor in Mathematics and Athletic Director in Grand County High School, 1927-30; Instructor in Physical Education and Athletics, Jordan High School, 1931-35; Instructor in Physical Education and Athletics, Brigham Young University, 1935-37; Assistant Professor and Coach, 1937-38; Associate Professor and Director of Athletics, 1938—.

MADISON W. MERRILL.........**Associate in Medical Department**

D. M. D., North Pacific Dental College, 1923; Special work in extractions and Oral Surgery at Mayo Clinic Dental Department, summers of 1931 and 1936, and special work in Orthodontia, Denver, 1937; appointed Associate in Medical Department Brigham Young University, 1938—.

LELAND K. CULLIMORE....**Associate in Medical Department**

A. B., George Washington University, 1931; M. D., George Washington University, 1934; Resident Physician, Pediatrics and Contagious Diseases, Gallinger Municipal Hospital, 1934-36. Associate in Medical Department, Brigham Young University, 1938—.

WILMUR L. ALLEN................**Associate in Medical Department**

M. D., University of Pennsylvania Medical School, 1931; Appointed Associate in Medical Department, Brigham Young University, 1938—.

---

*On leave of absence.

PHILEMON M. KELLY..........**Associate in Medical Department**

M. D., The Northwestern University Medical School, 1909; Graduate work in Pediatrics and Internal Medicine, University of California at San Francisco 1920-21; Mayo Clinic, Rochester, 1918, 1929; study in Vienna, 1938; Associate in Medical Department Brigham Young University, 1939—.

RUSSEL SWENSEN....................**Associate Professor of Religious Education**

A. B., Brigham Young University, 1926; M. A., University of Chicago, 1931; Ph. D., University of Chicago, 1934; Principal L. D. S. Seminary, Mesa, Arizona, 1926-27; Principal L. D. S. Seminary at Kamas, Utah, 1927-28; Principal L. D. S. Seminary at Hurricane, 1928-30; Assistant Professor of Religious Education, Brigham Young University, 1933-39; Associate Professor of Religious Education, 1939—.

GOLDEN L. WOOLF................**Associate Professor of Secondary Education; Principal, University High School**

A. B., Brigham Young University, 1934; M. A., Brigham Young University, 1936; Graduate work University of California, 1938-39; Instructor in Languages, Brigham Young University, 1934-35; Instructor in Secondary Education, 1935-37; Assistant Professor of Secondary Education, 1937-39; Principal, University High School, 1935—; Associate Professor of Secondary Education, 1939—.

CARLTON CULMSEE....**Associate Professor of Journalism and Director of Extension Division**

B. S., Brigham Young University, 1932; M. A., Brigham Young University, 1937; Ph. D., University of Iowa, 1940; Graduate work, University of Southern California, 1933, and University of Iowa, 1938-40. Secretary of Extension Division, 1932; Instructor in Journalism, Brigham Young University, 1933-37; Assistant Professor of Journalism, 1937-39; Director of Extension Division and Associate Professor of Journalism, 1939—.

IDA SMOOT DUSENBERRY....................**Assistant Professor of Psychology**

B. Pd., Brigham Young University, 1905; B. S., Brigham Young University, 1937; Graduate Chaurecey Hall College, Boston, 1908; Graduate Emerson College of Oratory, Boston, 1909; Graduate work, Pestalozzi Froebel House, Berlin, Germany; Columbia University, University of Washington, University of California; Study in Europe, 1919-20; Director of Kindergarten Training Brigham Young University, 1920-21; Assistant Professor, Floating University, 1930-31; Assistant Professor of Psychology, Brigham Young University, 1921—.

EDGAR M. JENSON..............**Assistant Professor of Educational Administration, Director of Teacher Placement**

A. B., Brigham Young University, 1916; M. A., Brigham Young University, 1919; Graduate work, Stanford University; Head of Department of Education, Dixie College, 1919-23; President, Dixie College, 1923-26; Instructor, Brigham Young University, 1927-28; Assistant Professor in Educational Administration and Principal University High School, 1928-35; Director of Training Schools, 1930; Assistant Professor of Education, 1928—.

WILLIAM F. HANSON..................**Assistant Professor of Music**

B. S., Brigham Young University, 1936; M. S. Brigham Young University, 1937; Teacher's Certificate, Chicago Musical College, 1924; Private work with Xaver Schaswenka, Maurice Aromson, Felix Borowski, Dr. Carl Busch, and H. B. Maxyott, 1924; Supervisor High School Music, Vernal 13 years; Supervisor Public School Music, Brigham Young University, 1924-25; Instructor in Music, 1926-31; Assistant Professor, 1931—

LOREN C. BRYNER................**Assistant Professor of Chemistry**

B. S., Brigham Young University, 1928; M. S., Brigham Young University, 1930; Ph. D., Iowa State College, 1934; Assistant in Chemistry at Brigham Young University, 1928-30; Graduate Assistant in Chemistry at Iowa State College, 1930-35; Research Fellow at Iowa State College, Summers of 1931 and 1932; Assistant Professor of Chemistry, Brigham Young University, 1935—.

ELSIE C. CARROLL........................**Assistant Professor of English**

B. S., Brigham Young University, 1926; M. A., Brigham Young University, 1928; Student, Cornell University, University of Chicago, Stanford University; Columbia University, 1934; Head of English Department, Kanab High School, 1917-18; Provo High School, 1919-20; Instructor in English, Brigham Young University, 1926-36; Assistant Professor of English, 1936—.

HUGH W. PETERSON............**Assistant Professor of Chemistry**

A. B. Brigham Young University, 1916; M. A. Brigham Young University, 1928; Ph. D. University of Iowa, 1936; Graduate Work; University of Utah, 1917, Utah State Agricultural College, Summer 1924; Instructor Big Horn Academy, 1917-18, Latter-day Saint University, 1918-19; Wasatch High School, 1919-20; Provo High School, 1920-27; Instructor in Chemistry, Brigham Young University, 1927-36; Assistant Professor of Chemistry, 1936.

BILLIE HOLLINGSHEAD....**Assistant Professor of Education**

A. B., Texas State College for Women, 1922; M. A., Brigham Young University, 1929, Ph. D., University of Southern California, 1935; Instructor Valdez High School, Valdez, Alaska, 1922-23; Instructor in Star Valley High School, 1924-26; Instructor in Kohala High School, Kahala, Hawaii, 1927-28; Instructor in Brigham Young University High School, 1929-36; Assistant Professor of Education, 1936—.

IRENE S. BARLOW* **Assistant Professor of Home Economics**

B. S., Utah State Agricultural College, 1919; M. S., University of Chicago, 1934; Instructor in Home Economics, Brigham Young University, 1934-36; Assistant Professor of Home Economics, 1936—.

GLADYS D. BLACK......................**Assistant Professor of English**

Ph. B., University of Chicago, 1924; M. A., Columbia University, 1930; Graduate work, University of Chicago, 1936-37; Bread Loaf School of English, summer of 1937; Instructor in English, Provo High School, 1924-26; Instructor in English, Central High School, Springfield, Illinois, 1927-28; Instructor in English-Brigham Young University, 1928-37; Assistant Professor of English, 1937—.

STELLA P. RICH..........................**Assistant Professor of English**

B. S., Brigham Young University, 1926; Instructor in the Public Schools of Utah and Idaho, 1911-27; Student, University of Chicago; Instructor in English, Brigham Young University, 1927-38; Assistant Professor of English, 1938—.

W. ELMO COFFMAN..............**Assistant Professor of Geography**

B. S., Utah State Agricultural College, 1920; M. S., Brigham Young University, 1932; Graduate work, Ohio State University, 1935-36; Instructor in Payson High School, 1920-21; Instructor in Springville High

---

*On leave of absence.

School, 1921-28; Principal, Minersville High School, 1928-29; Graduate Assistant in Geography, Ohio State University, 1935-36; Instructor in Geography, Brigham Young University, 1929-38; Assistant Professor of Geography, 1938—.

ALVA J. JOHANSON................**Assistant Professor of Chemistry**

A. B., Brigham Young University, 1931; M. A., Brigham Young University, 1934; Ph. D., University of Illinois, 1938; Graduate work University of Wisconsin, Summer, 1934; Assistant in Chemistry, University of Illinois, 1937-38; Assistant in Chemistry, Brigham Young University, 1931-34; Instructor in Chemistry, 1934-38; Assistant Professor of Chemistry, 1938—.

LEONA HOLBROOK..................**Assistant Professor of Physical Education for Women**

B. S., University of Utah, 1929; M. A., Columbia University, 1935; Graduate work, University of Utah, Columbia University, New School for Social Research, New York; Instructor and Playground Director, Salt Lake City; Civic Center Director, Kaysville, Utah; M. I. A. Summer Camp Recreation Director; Federal Experimental Camp Recreation Director, Associate Camp Director Y.W.C.A. New York City; Instructor in Physical Education Brigham Young University, 1937-38; Assistant Professor of Physical Education for Women, 1938—.

ALLIE DIXON..............**Assistant Professor of Home Economics**

B. S., Brigham Young University, 1930; Graduate Hospital Dietitian Fifth Avenue Hospital, New York City, 1931; Graduate Nurse Highland School of Nursing at Alameda County Hospital, Oakland, California, 1936; Registered Nurse, 1936; Instructor of Home Economics, Gunnison High School, 1932-34; Instructor Nursing Techniques, Highland School of Nursing, Oakland, California, 1936-37; Instructor in Home Economics, Brigham Young University, 1937-38; Assistant Professor of Home Economics, 1938—.

D. ELDEN BECK........................**Assistant Professor of Zoology and Entomology**

A. B., Brigham Young University, 1929; M. A., Brigham Young University, 1930; Ph. D., Iowa State College, 1933; Head of Biology Department, Dixie College, 1933-38; Assistant Professor of Zoology and Entomology, Brigham Young University, 1938—.

BERTHA ROBERTS*……………**Assistant Professor of French**

A. B., Brigham Young University, 1926; Graduate work, University of Chicago, 1929; Diploma University of Paris, 1933-34; Instructor, Wasatch High School, 1918-19; Instructor in Office Practice, Brigham Young University, 1919-33; Instructor in French, 1934-39; Assistant Professor of French, 1939—.

EDNA SNOW ……………**Assistant Professor of Botany**

B. S., Brigham Young University, 1924; M. S., Brigham Young University, 1931; Graduate work, University of California and Columbia University; Instructor in Science, Brigham Young University, 1929-1936; Instructor in Botany, 1937-39; Assistant Professor of Botany, 1939—.

C. LYNN HAYWARD……………**Assistant Professor of Zoology**

B. S., Brigham Young University, 1927; M. S., Brigham Young University, 1931; Graduate work, University of California, 1935; University of Illinois, 1938-39; Instructor in Fielding High School, 1927-30; Assistant in Zoology, Brigham Young University, 1930-31; Instructor, 1931-39; Assistant Professor of Zoology, 1939—.

GEORGIA MAESER……………**Assistant Professor of Elementary Education**

B. S., Brigham Young University, 1928; M. A., Columbia University, 1938; Supervisory Teacher in Brigham Young University Training School, 1926-39; Assistant Professor of Elementary Education, 1939—.

GLADYS KOTTER*……………**Assistant Professor of Elementary Education**

B. S., Brigham Young University, 1930; M. S., Columbia University, 1935; Supervisory Teacher, Brigham Young University Training School, 1927-39; Assistant Professor of Elementary Education, 1939—.

HAROLD T. CHRISTENSEN……………**Assistant Professor of Sociology**

B. S., Brigham Young University, 1935; M. S. Brigham Young University, 1937; Graduate work, University of California, at Los Angeles, 1937; Assistant in Sociology, Brigham Young University, 1935-36; Instructor, Brigham Young University, 1936-39; Assistant Professor of Sociology, 1939—.

---

*On leave of absence.

JOHN R. HALLIDAY*....................**Assistant Professor of Music**

A. B., Brigham Young University, 1935; M. A., Brigham Young University, 1936; Student State Academy of Music in Berlin, 1933-1934; Graduate work, University of California, 1937; Instructor in Music, Brigham Young University, 1936-39; Assistant Professor of Music, 1939—.

AARON W. TRACY........................**Assistant Professor of English**

A. B., Brigham Young University, 1919; Two and one-half years Graduate work, University of Chicago; Principal of Public Schools in Weber County, 1907-1910, 1911-1912, 1914-1917; Principal of Public Schools in Box Elder District, 1912-1913; Head of the English department, Weber College, 1919-1922; President Weber College, 1922-1935; Instructor in English, Brigham Young University, 1936-39; Assistant Professor of English 1939—.

A. SMITH POND........................**Assistant Professor of Economics**

A. B., University of Utah, 1926; Graduate Student, Northwestern University, 1934-1936; Research Associate, Illinois State Tax Commission, 1936-1937; Instructor in Economics, Brigham Young University, 1937-39; Assistant Professor of Economics, 1939—.

ARIEL S. BALLIF........................**Assistant Professor of Sociology**

B. S., Brigham Young University, 1925; M. A., University of Southern California, 1937; Graduate work, University of Southern California, 1936-1938; Teaching Fellow in Sociology, University of Southern California, 1937-1938; Instructor in Social Science, Madison High School, 1925-1926; Principal Maori Agricultural College, Hastings, New Zealand, 1927-1930; Principal Midway Seminary, 1931-1936; Instructor in Sociology, Brigham Young University, 1938-39; Assistant Professor of Sociology, 1939—.

O. MEREDITH WILSON..........**Assistant Professor of History**

A. B., Brigham Young University, 1934; Graduate work, University of London, 1936-37; graduate work, University of California, 1939-40; Assistant in History, Brigham Young University, 1934-35; Instructor in History, 1935-40; Assistant Professor of History, 1940—.

---

*On leave of absence.

JOHN E. HAYES..**Registrar**

B. S., Brigham Young University, 1924; Instructor, Brigham Young University, 1903—; Registrar, 1904—.

ANNA OLLORTON ....**Librarian**

A. B., Brigham Young University, 1913; Graduate work, University of Chicago, University of Utah, Chautauqua Summer School, Columbia University; Assistant Librarian, Brigham Young University, 1919-23; Acting Librarian, 1923-31; Librarian, 1931—.

KIEFER B. SAULS ....**Secretary - Treasurer Board of Trustees**

B. S., Utah State Agricultural College, 1920; Graduate work, Utah State Agricultural College; Secretary to Director, Utah Agricultural Experiment Station, 1917-21; Secretary to President and Purchasing Agent, Brigham Young University, 1921-1939; Secretary - Treasurer, Board of Trustees, 1939—.

NETTIE NEFF SMART..**Dean of Women**

B. S., Brigham Young University, 1933; Student, Cornell University, 1907-09; Instructor Brigham Young University Training School, 1904-05; Instructor, Provo High School; Dean of Women, 1925—.

PERCIVAL P. BIGELOW............**Instructor in Auto Mechanics**

Student University of Michigan, Brigham Young University; Head Mechanic, Utah Packard Motor Company, 1916; Foreman, Superior Motor Co., 1917-18; Mechanic, Hudson Motor Car Company Detroit, 1919; Instructor in Auto Mechanics, Brigham Young University, 1919—.

C. LAVOIR JENSEN...............................**Instructor in Mathematics**

Student Brigham Young College and University of Utah; Instructor, Logan High School, 1915-16; Principal, Midvale Schools, 1917-21; Instructor, Brigham Young University High School, 1921—.

NEWBERN I. BUTT................**Library and Research, Associate**

B. S., Utah Agricultural College, 1915; M. S., Brigham Young University, 1939; Assistant Agronomist, Utah Agricultural College, 1915-18; Library and Research Assistant, Brigham Young University, 1922—.

ELLA LARSEN BROWN ....**Associate Librarian**

Student Cook County Normal School; Columbia University; Primary Supervisor, Utah County Schools. 1900-1902; Director Brigham Young University Training School, 1902-1908; Assistant Librarian, Brigham Young University, 1923—.

MAY C. HAMMOND ....**Instructor in Elementary Education**

B. S., Brigham Young University, 1934. Student at University of California and Columbia University; Instructor in Provo City Schools, 1923-25; Supervisory Teacher in Brigham Young University Training School, 1925—.

FRED W. DIXON..........**Instructor in Physical Education and Athletics**

B. S., Brigham Young University, 1926; M. S. Brigham Young University, 1939; Instructor in Physical Education and Athletic Director at Weber County High School, 1926-28; Graduate work, Utah Agricultural College; Instructor in Physical Education and Athletics, Brigham Young University, 1928—.

MARGARET SUMMERHAYS..........**Instructor in Music**

A. B., Brigham Young University, 1936; Graduate of New England Conservatory of Music, 1916; Student of Frederick H. Haywood, Mme, Sophie Cehanovske, Edmund G. Meyer; Special Instructor in Music at Brigham Young University, 1927-29; Instructor in Music, 1930—.

GUSTAVE BUGGERT..........**Instructor in Music**

Graduate of Music School of Madgeburg, Germany; Instructor in Music, Brigham Young University, 1930—.

MAY BILLINGS..........**Instructor in Home Economics**

B. S., Brigham Young University, 1933; Student of Columbia University, Utah State Agricultural College, University of California, Colorado Agricultural College, University of Utah; Instructor in Clothing, Latter-day Saints University, 1920-31; Instructor in Home Economics, Brigham Young University, 1932—.

FLORA D. FISHER..........**Instructor in Elementary Education**

B. S., Brigham Young University, 1936; Instructor in Utah State Industrial School, 1911; Instructor in Fillmore Public Schools, 1921-28; Instructor in Maori Agricultural College, New Zeland, 1919-21; Instructor in Provo City Schools, 1929-1933; Supervisory Teacher in Brigham Young University Training School, 1933—.

CARMA BALLIF ....**Assistant in Treasurer's Office**

B. S., Brigham Young University, 1927; Graduate work, University of Wisconsin; Assistant in Secretary's Office, 1927—; Instructor in Physical Education for Women, 1934—.

WILFORD D. LEE..**Instructor in English**

A. B., Brigham Young University, 1934; M. A., Brigham Young University, 1937; Instructor in English; Brigham Young University, 1934—.

JOHN H. SMITH*..**Instructor in Economics**

B. S., University of Pennsylvania, 1929; Assistant to General Manager in charge of Production Control, Schlage Lock Company, San Francisco, California, 1929-33; Sales and Merchandising, Liver Brothers Company, Salt Lake City, 1933-35; Instructor in Economics, Brigham Young University, 1935—.

IRENE OSMOND........................**Instructor in Modern Languages**

A. B., Brigham Young University, 1929; M. A., Stanford University, 1934; Graduate work, Stanford University, 1934-36; Instructor in Modern Languages, Jordan High School, 1929-33; Instructor in Modern Languages, Brigham Young University, 1936—.

ELDON DENNIS*..**Instructor in Geology**

A. B., Brigham Young University, 1929; M. A., Brigham Young University, 1931; Graduate work, Stanford University, 1932-1935; Assistant in Geology, Brigham Young University, 1935-1936; Instructor in Geology, Brigham Young University, 1936—.

THOMAS L. BROADBENT*........................**Instructor in German**

A. B., Brigham Young University, 1936; M. A., Brigham Young University, 1937; Assistant in German, Brigham Young University, 1934-1936; Instructor in German, Brigham Young University, 1936—.

ANTONE W. NISSON....................................**Instructor in Science**

A. B., Brigham Young University, 1935; M. A. Brigham Young University, 1939; Assistant in Science, Brigham Young University, 1935-1936; Instructor in Science, Brigham Young University, 1936—.

L. ELLIOTT TUTTLE........**Instructor in Elementary Education**

B. S., Brigham Young University, 1938; Instructor in Provo City Schools, 1932-36; Supervisory Teacher, Brigham Young University Training School, 1936—.

---

*On leave of absence.

EVAN M. CROFT..**Instructor in Office Practice**

B. S., Brigham Young University, 1939; Graduate work University of Chicago, and University of Southern California; Assistant in Commercial Education, University of Southern California, Summer of 1934; Instructor in Commercial subjects Lehi High School, 1929-1936; Instructor in Office Practice, Brigham Young University, 1936—.

JOSEPHINE STRONG.........**Instructor in Elementary Education**

Student University of Utah and San Francisco State Teachers College; Instructor in Salt Lake City Schools, 1922-1923; Supervisor Chinatown Nursery School, San Francisco, California, 1934-1937; Supervisory Teacher Brigham Young University Training School, 1936—.

JOHN H. WING..**Instructor in Chemistry**

B. S., Brigham Young University, 1926; M. S., Brigham Young University, 1934; Graduate work, University of Colorado, Summer 1936; University of Iowa, Summer 1939; Chemist for Columbia Steel Company, 1926-27; Assistant Chief Chemist, Columbia Steel Company, 1927-29; Chemist for the International Smelting and Refining Company, 1929-1931; Assistant in Chemistry, Brigham Young University, 1931-1937; Instructor in Chemistry, Brigham Young University, 1937—.

ILEEN ANN WASPE.........................**Instructor in Office Practice**

B. S., Brigham Young University, 1938; Instructor in Office Practice, L. D. S. High School and Business College, 1927-1929; Assistant in Office Practice, Brigham Young University, 1934-1936; Instructor in Office Practice, Brigham Young University, 1937—.

VERLA L. BIRRELL..**Instructor in Art**

B. S., University of Utah, 1928; Student Chicago Academy of Fine Arts, 1930; Research work Columbia University, 1931; Student at Art Students' League, New York, 1931; at Art Institute, Chicago, 1932; study and travel in Europe, 1935; Summer sketching trip, Mexico, 1938; Student University of Southern California, summer 1939; Clarmont College, Summer 1940; Instructor in Payson High School, 1927-1929; Instructor in Irving High School, Salt Lake City, 1929-1937; Instructor in Art, Brigham Young University, 1937—.

MORRIS M. CLINGER..**Instructor in Speech**

A. B., Brigham Young University, 1932; Instructor in Speech and English, Richfield High School, 1932-1936; Assistant in Speech, Brigham Young University, 1936-1937; Instructor in Speech, Brigham Young University, 1937—.

FLOYD MILLET..................**Instructor in Physical Education and Assistant Athletic Coach**

A. B., Brigham Young University, 1933; M. S., University of Southern California, 1939; Graduate work, Brigham Young University, Utah Agricultural College, University of Southern California; Instructor in Physical Education and Athletics, Davis County High School, 1934-1937; Instructor in Physical Education and Assistant Athletic Coach, Brigham Young University, 1937--.

JACK R. GIBB*..**Instructor in Psychology**

A. B., Brigham Young University, 1936; M. A., Brigham Young University, 1937; Graduate work, University of Chicago; Instructor in Psychology, Brigham Young University, 1937—.

NAOMA RICH..**Assistant Librarian**

B. S., Brigham Young University, 1931; Certificate in Library Science, Riverside Library Service School, 1932; Librarian and Instructor in Office Practice, Bear River High School, 1927-1930; Librarian, Snow College, 1933-1937; Assistant Librarian, Brigham Young University, 1937—.

MARY McGREGOR..**Instructor in Music**

A. B., Brigham Young University, 1936; Instructor in Vocal Music, Brigham Young University Training School, 1937—.

ARTHUR GAETH...**Instructor in History**

A. B., Brigham Young University, 1939; Student of Political Science and European history in Europe, 1929-36; member of Executive Board of American Institute of Czechoslovakia, 1934-36; Instructor in History, Brigham Young University, 1937—.

HARRY SUNDWALL.........................**Instructor in Office Practice**

B. S., Brigham Young University, 1934; Graduate work, University of California; Gregg College, Chicago, 1936; Instructor in commercial subjects, North Sanpete High School, 1934-36; Instructor in Shorthand

---

*On leave of absence

and Typewriting, Richfield High School, 1936-1937; Instructor in Office Practice, Brigham Young University, 1937—.

HELEN ALLEMAN........................**Instructor in Home Economics**

B. S., Brigham Young University, 1932; Graduate work, University of Washington and Utah State Agricultural College; Instructor in Home Economics, Alamo High School, 1932-1933; Instructor in Home Economics in Payson High School, 1933-1935; Instructor in Provo High School, 1935-1937; Instructor in Home Economics, Brigham Young University High School, 1937—.

LILLIAN C. BOOTH.............**Instructor in Elementary Education**

B. S. Brigham Young University, 1940; Student of the University of Chicago, 1933; Instructor in American Fork and Provo schools; Instructor in Brigham Young University Training School, 1917-1918; 1924-1925; Principal Elementary Schools of American Fork, 1936-1938; Instructor in Elementary Education, Brigham Young University, 1938—.

WELDON J. TAYLOR....................**Instructor in Accounting and Business Administration**

B. S., Brigham Young University, 1934; M. B., Harvard Graduate School of Business Administration, 1937; Clerk Federal Power Commission, 1935; Instructor in Economics, Brigham Young University, 1937-1938; Instructor in Accounting and Business Administration, 1938—.

KENNETH ALLRED.............................**Instructor in Mathematics**

A. B., Brigham Young University, 1938; Assistant in Mathematics, Brigham Young University, 1937-38; Instructor in Mathematics, 1938—.

RALPH A. BRITSCH.....................................**Instructor in English**

A. B., Brigham Young University, 1933; Graduate work, Brigham Young University, 1936; Instructor in English and Speech, Gunnison Valley High School, 1933-1935; Instructor in English, Provo High School, 1936-1938; Instructor in English, Brigham Young University, 1938—.

A. JOHN CLARKE.............**Instructor in Physics in High School**

B. S., Brigham Young University, 1938; Principal of Barnwell Consolidated School, Canada, 1930-1937; Assistant in Chemistry, Brigham Young University High School, 1937-1938; Instructor in Physics, Brigham Young University High School, 1938—.

MARGARET BURTON............**Instructor in Physical Education for Women**

Student of the University of Utah and of the Utah State Agricultural College; also of the following specialists in the field of Physical Education and the Dance: Doris Humphrey, Charles Weidman, Martha Graham, Hanya Holm, and Mary Wigman of New York; and of Von Laton and Kreutzburg of Salzburg, Austria. Instructor in summer courses at the Utah Agricultural College, the Brigham Young University. Instructor for nine years at the McCune School of Music and Art. Instructor in Physical Education for Women, Brigham Young University, 1938—.

HAROLD W. LEE..**Instructor in French**

A. B., Brigham Young University, 1938; In France, 1930-1933; Graduate work University of Southern California, 1939; Instructor in French, Alberta High Schools, 1933-1937; Assistant in French, Brigham Young University, 1937; Instructor in French, Brigham Young University, 1938—.

DAVID M. CROWTON............**Instructor in Physical Education and Athletics**

B. S., Brigham Young University, 1938; Assistant in Physical Education and Athletics in Brigham Young University Training Schools, 1937-1938; Instructor 1938—.

ANNA BOSS HART..................**Instructor in English, University High School**

B. S., Utah State Agricultural College, 1923; M. A., University of Southern California, 1933; Graduate work, University of Wisconsin, 1937-39; Instructor in Arimo (Idaho) High School, 1923-25 and 1927-28; Principal Kelsey (Texas) High School and Elementary Grades, 1926-27; Instructor in Speech and English, Logan Senior High School, 1928-1935; Instructor in English, Brigham Young University High School 1939—.

GEORGE H. SMEATH........................**Instructor in Horticulture and Landscape Architecture**

A. B., Brigham Young University, 1938; Assistant in Horticulture, Brigham Young University, 1937-39; Instructor in Horticulture and Landscape Architecture, 1939—.

OLIVER R. SMITH..................................**Instructor in Journalism and Assistant in Extension Division**

A. B. Brigham Young University, 1938; Assistant in Extension Division, Brigham Young University, 1938-40; Instructor in Journalism, and assistant in Extension Division, 1940—.

WAYNE SOFFE........................**Instructor in Physical Education and Assistant Athletic Coach**

B. S., Brigham Young University, 1938; Graduate work, Brigham Young University, 1938-1939; Instructor in Physical Education and Assistant Athletic Coach, Brigham Young University, 1938—.

OREA B. TANNER..**Instructor in English**

A. B., Brigham Young University, 1932; Graduate work University of Chicago, Summer of 1935; Teacher, Idaho schools, 1916-1919; Instructor in English, Rexburg Junior High School, 1935-1930; Critic teacher, Ricks College, Summers of 1926-1927; Instructor in English, Provo High School, 1932-1938; Instructor in English, Brigham Young University, 1938—.

ANDREW A. ANDERSON............**Special Instructor in Scouting**

Scout Executive National Parks Council; Special Instructor in Scouting, Brigham Young University, 1930—.

JOSEPH J. KEELER...**University Organist**

Student of Karl Straube and Robert Teichmuller at Leipsic Conservatory, 1931-32; also at Royal College of Music, London, 1933. Instructor in Piano and Organ, Brigham Young University, 1935—.

JAMES R. CLARK...**Assistant in Library**

A. B., Brigham Young University, 1936; Principal, Lovell-Cowley Seminary, Wyoming, 1936-1938; Assistant in Library, Brigham Young University, 1938—.

THOMAS C. PETERSON.............**Specialist, Extension Division**

B. S., Brigham Young University, 1938; Secretary, Bureau of Visual Instruction, Brigham Young University, 1936—.

LEE BENSON VALENTINE.........................**Assistant in Spanish**

A. B., Brigham Young University, 1939; Student in Argentina, 1935-38; Assistant in Spanish, Brigham Young University, 1938—.

SANFORD M. BINGHAM..**Instructor in German**
A. B., Brigham Young University, 1939; Instructor in German, 1940—.

AFTON HAWKER..**Clerk of Extension Division**
B. S., Brigham Young University, 1940; Clerk of Extension Division, Brigham Young University, 1940—.

MARY CALLAN..**Assistant in Secretary's Office**
B. S., Brigham Young University, 1938; Assistant in Secretary's Office, 1938—.

LuDEMA NANCE..**University Nurse**
B. S., Brigham Young University, 1938; Graduate of L. D. S. Hospital, Idaho Falls, Idaho, 1933; Graduate nurse Brigham Young University, 1938—.

KARL MILLER, B. S......**Superintendent Buildings and Campus**

ELVIN J. DENNIS, B.S........................**Assistant Superintendent Buildings and Campus**

MORRIS SNELL, B. S. ....Mechanic, in charge of Repairs

FRANKLIN R. HAYMORE, B. S. Manager of University Press

RODNEY KIMBALL..................Custodian of Athletic Equipment

SPECIAL INSTRUCTORS

ELMER NELSON, Instructor in Piano.

HANNAH C. PACKARD, A. B., Special Instructor in Vocal Music.

RICHARD P. CONDIE, A. B., Special Instructor in Vocal Music.

GEORGE W. FITROY, Special Instructor in Piano.

LYNN TAYLOR, A. B., Special Instructor in Art.

STANDING COMMITTEES

Admission and Credits. J. E. Hayes, L. C. Bryner, C. L. Hayward.

Aiding Graduates to Obtain Employment. E. M. Jenson, H. V. Hoyt, the Deans.

Alumni Directory. Oliver Smith, Mary Callan, J. R. Clark,

Athletics. H. G. Ivins, P. A. Christensen, J. W. Knight, C. J. Hart, K. B. Sauls, President of Student Body, President of Alumni Association, C. L. Jensen, Manager of Athletics, E. R. Kimball.

Attendance and Scholarship. W. H. Boyle, J. K. Nicholes, J. W. Sessions, May Billings.

Awards and Prizes. T. E. Pardoe, Franklin Madsen, C. J. Hart, Verla Birrell.

Campus. L. S. Morris, B. F. Harrison, B. F. Larsen, S. T. Shaw, Karl Miller.

Care of Girls' and Women's Activities. Dean of Women, Effie Warnick, Hermese Peterson, Ileen Waspe, Irene S. Barlow.

Catalogue and Other Quarterlies Carlton Culmsee, J. E. Hayes, K. B. Sauls, N. I. Butt.

Campus, S. T. Shaw, G. H. Smeath, B. F. Harrison, B. F. Larsen, Karl Miller.

Care of Girls' and Women's Activities. Dean of Women, Effie Warnick, Hermese Peterson, Ileen Waspe, Anna B. Hart,

Catalogue and Other Quarterlies. Carlton Culmsee, J. E. Hayes, K. B. Sauls, N. I. Butt.

Debating. O. M. Wilson, A. S. Pond, Harold T. Christensen, Elmer Miller, A. J. Morley, A. W. Tracy, Weldon Taylor.

Dormitories. H. V. Hoyt, Effie Warnick, W. P. Lloyd, Nettie N. Smart, H. R. Clark.

Eligibility. Milton Marshall, H. G. Ivins, J. E. Hayes.

Graduation. B. F. Cummings, Joseph Sudweeks, G. L. Woolf, Harry Sundwall.

Lectures and Musicals. J. G. Swensen, H. R. Clark.

Library. Wilford Poulson, W. J. Snow, S. B. Sperry, Arthur Gaeth, A. S. Ballif, Edna Snow, Librarian.

Personnel. C. S. Boyle, Russel Swensen, W. P. Lloyd, A. C. Lambert.

Petitions. Vasco M. Tanner, Wayne B. Hales, Hugh W. Peterson.

Public Relations. George H. Hanson, Carlton Culmsee, Gerrit deJong, T. Earl Pardoe, Thomas C. Peterson, Alumni Association Secretary.

Publicity. Carlton Culmsee, K. B. Sauls, J. M. Jensen, Elsie C. Carroll, R. A. Britsch, Oliver R. Smith, Franklin R. Haymore.

Schedule of Events. Mary Callan, Gerrit deJong.

Schedule of Classes. Russel Swensen, N. I. Butt, Orea B. Tanner.

Social Affairs. Elmer Miller, G. H. Hansen, Dean of Men, Dean of Women, Margaret Burton, K. E. Young, L. C. Bryner.

Social Units. Dean of Men, G. H. Hansen, G. de Jong, J. W. Sessions, Leona Holbrook, A. S. Ballif, Registrar, Dean of Women, Ileen Waspe, Student Representatives.

Student Accommodations. A. J. Johanson, W. H. Snell, P. P. Bigelow, Dean of Women, Floyd Millet.

Student Aid and Employment. Dean of Men, Dean of Women, K. B. Sauls, H. V. Hoyt, Ileen Waspe, Franklin R. Haymore.

Student Publications. Carlton Culmsee, J. M. Jensen, B. F. Larsen, Naoma Rich.

University History. J. M. Jensen, Ella L. Brown, N. I. Butt, Elsie C. Carroll.

Historical

The Brigham Young University, formerly designated the Brigham Young Academy, was founded by a deed of trust executed by President Brigham Young, October 16, 1875.

It is in charge of a board of trustees, elected triennially, by the vote of the Latter-day Saints, acting through the First Presidency of the Church of Jesus Christ of Latter-day Saints.

For many years it was dependent upon fees and the proceeds of the original endowment for its maintenance, but in recent years an annual church appropriation has been the chief source of its financial support.

Buildings. The first home of the institution was a mercantile building, standing on the present location of the Farmers and Merchants Bank.

Subsequently, this building, with several additions, was destroyed by fire. The school, however, resumed its sessions with the loss of but one day. The basement of the Stake Tabernacle, a store, and the First National Bank building, housed the school for a short time.

From these temporary quarters it moved into the upper story of the Z. C. M. I. warehouse, at the corner of Sixth South street and University avenue. This was the home of the school for seven years.

In 1891 the school moved to what is now known as the Education building, a structure costing $75,000, made possible chiefly through the personal credit of President Abraham O. Smoot and his associates on the Board of Trustees.

The College building, a gift of ten persons whose names are upon a marble tablet in a hall of the building, was erected in 1898. The responsibility for raising the funds for this building was undertaken voluntarily by Reed Smoot, a member of the Board of Trustees.

The Training School building was built in 1902, the cost of which was met by the contributions of friends of the school, chief among whom was "Uncle" Jesse Knight.

The Art building was erected in 1904, a gift of the nearby stakes comprising what was known at that time as the B. Y. U. academic district.

The Alumni Association, in honor of Dr. Karl G. Maeser, presented the institution with the Maeser Memorial building in 1911. The cost of this building was $112,000.00. "Uncle" Jesse Knight contributed liberally to the Alumni Association in this project. The heating plant and furnishings were provided by the Church. This building was the first to be erected on University Hill.

The Women's Gymnasium, which is also a recreation building, was erected in 1913.

The Mechanic Arts building, a one-story structure, on University Hill, was erected in 1919.

The Heber J. Grant Library building, also on University Hill, was erected in 1925.

The last three named buildings were built by Church appropriations.

In 1935, two stories were added to the Mechanic Arts building to provide additional classrooms and laboratories. The name was changed to George H. Brimhall building.

During the year 1935-36 a Stadium House, on the west side of the football field was erected.

In 1937-1938, Allen Hall—a men's dormitory—and in 1938-1939 Amanda Knight Hall—a women's dormitory—were constructed. These will accommodate eighty and one hundred students, respectively.

In 1939 there was commenced on the upper campus, as a Church Welfare project, a building to serve as the religious and social center of the University.

Campus. The first campus of the school was limited to a small playground back of the building which was destroyed by fire. The present Education building was erected in the center of a block 24 by 24 rods.

Then came the purchase of University Hill. As early as 1904, steps were taken to acquire land on this site. A purchase of seventeen acres was made from Provo City. A gift of something over seven acres came from the Fourth ecclesiastical ward of Provo; part of an acre was purchased by an alumnus, and the point of the hill by the student body. Following a movement initiated by the Alumni Association, seventy-five acres was purchased in 1923-24. Since that time purchases have been made of other tracts not only on University Hill, but adjacent to and between the two campuses, until the area now comprises more than one hundred twenty-five acres.

Administration. The first faculty consisted of the principal and two assistants, Dr. Karl G. Maeser, Dr. Milton K. Hardy, and Kristina Smoot. Dr. Karl Maeser served as principal until 1891, when he was called to the general superintendency of Church schools. Dr. Bejamin Cluff, Jr., succeeded Dr. Maeser and served as the executive head of the school until December 22, 1903. Dr. George H. Brimhall succeeded Dr. Cluff and served the institution as president until April 26, 1921, when he was made president-emeritus. On the same date Dr. Franklin Stewart Harris was appointed president, taking office July 1, 1921.

Educational Growth. The first credential granted by the institution was a teacher's certificate given on the completion of one year's normal work. This was followed by a certificate requiring two year's normal work, followed later by the degree of Bachelor of Pedagogy, issued upon the completion of four years' normal work. Later the Bachelor of Arts and Bachelor of Science degrees were authorized to be conferred upon the completion of the regular four years' college courses.

Master degrees have been authorized since 1918.

On February 11, 1909, by an action of the General Church Board of Education the collegiate department of the University was designated The Church Teachers' College.

At the beginning of the school year 1920-21, the name Church Teachers' College was changed to School of Education, and the School of Arts and Sciences was established. During 1921 a college of Commerce and Business Administration was organized and courses leading to a degree of Bachelor of Science outlined. The names, School of Education and School of Arts and Sciences, were changed to College of Education and College of Arts and Sciences. At the same time an Extension Division, a Research Division, and a Graduate Division were organized.

January 25, 1922, a college of Applied Science was established to include the departments of Agronomy, Animal Husbandry, Art, Auto Mechanics, Foods and Nutrition, Horticulture, Household Administration, Textiles and Clothing, and Woodwork. On April 21, 1935, a College of Fine Arts was established to include the departments of Art, Music and Speech.

During the year 1928-1929 the Y Stadium was completed, the name of the College of Commerce and Business Administration was changed to College of Commerce; and the Graduate Division was changed to Graduate School.

On January 11, 1940 there was established a Division of Religion in which was centered the religious teaching and religious activity of the institution.

University Credits Recognized. The Brigham Young University is on the list of approved colleges of the Association of American Universities. It is also a member of the Northwest Association of Secondary and Higher Schools, the American Council on Education, and the Association of American Colleges.

ORGANIZATION

The Brigham Young University as now organized comprises:

1. **A College of Applied Science**
2. **A College of Arts and Sciences**
3. **A College of Commerce**
4. **A College of Education**
5. **A College of Fine Arts**
6. **A Graduate School**
7. **A Division of Religion**
8. **An Extension Division**
9. **A Research Division**

Elementary and Secondary Training Schools are maintained in connection with the College of Education.

DEPARTMENTS OF INSTRUCTION

Accounting and Business Administration
Agricultural Economics
Agronomy
Animal Husbandry
Art
Bacteriology
Bible and Modern Scripture
Botany
Chemistry
Church History
Church Organization and Administratio
Economics
Educational Administration
Elementary Education
English
Finance and Banking
Geology and Geography
History
Home Economics
Horticulture and Landscape Architecture
Journalism
Library
Marketing
Mathematics
Mechanic Arts
Modern and Classical Languages
Music
Office Practice
Physical Education
Physics
Political Science
Philosophy of Education
Psychology

Secondary Education
Sociology
Theology and Religious Philosophy
Zoology and Entomology

1940

UNIVERSITY FEES

(All fees are payable in advance)

College and Graduate Students:

Registration fee for full year if paid at beginning of Autumn quarter	$70.00
Registration fee for less than the full year, the quarter	25.00
Withdrawal deposit	1.00
Student activity fee, each quarter (Or $12.50 for the year if paid in advance)	5.00
A gymnasium service fee, each quarter	1.00

Secondary Training School:

Senior High School—10th, 11th, 12th grades, the year	$20.00
Activity fee	3.00
Gymnasium service fee, the year	.50
Junior high school—7th, 8th, 9th grades	10.00

Elementary Training School:

1st to 6th grades, the year	$10.00

Special Fees:

Late registration (after first week of each quarter)	$ 2.00
Special students (eight credit hours or less), for each hour	2.50
Special examinations, for each hour (Provided the maximum fee in any one subject shall not exceed $20.00)	2.50

Graduation:

Degree	$10.00
Normal Diploma	5.00

Special fees are charged for private instruction in Vocal and Instrumental Music and Speech.

Breakage deposit is required in the department of Chemistry, and special laboratory fees in Bacteriology, Photography, Soil Fertility and Zoology. A special fee of $5.00 is charged those who elect Secondary or Elementary Training.

STUDENT EXPENSES

The cost of books varies from $5.00 to $10.00 a quarter, depending upon the number and the nature of the courses elected.

Dormitory Facilities. Dormitories providing healthful and congenial living quarters for both men and women students will be available on a cooperative basis.

Allen Hall for men and Amanda Knight Hall for women provide every modern convenience. All accommodations are furnished, including furniture, bedding, and linen. The occupants do all the necessary work aside from the cooking, and pay the actual expenses of operation. This results in some saving to the occupants.

Applications to live in dormitories should be filed before the opening of school, and should be accompanied by a deposit fee of $5. If the student decides later not to enter the University, the deposit fee will be returned.

Board and room in private homes costs from $4.50 to $6.00 per week. By renting rooms and boarding themselves, students are able to reduce considerably the cost of room and board.

If students desiring assistance will call on the Students' Accommodation Committee when they arrive in Provo, they will be directed to the kind of place they wish. When students desire to change boarding places, they are expected to call on and notify the chairman of this committee.

The University insists that boys and girls be housed separately. The boarding houses are inspected to see that accommodations are satisfactory. The University maintains a Cafeteria, where students may secure the noon meal at cost.

REFUNDS

No refunds will be granted to students who are requested to withdraw from the University because of scholarship or any other cause.

All students when paying fees are given official receipts from the Secretary's Office. These receipts must be presented before refunds are allowed. The students, therefore should exercise care that the receipts are not lost or mislaid.

All fees except $5.00 will be refunded to any student in residence who withdraws during the first week of the quarter. One-half of all fees paid will be refunded to any student in residence who withdraws during the second or third week of the quarter. No refunds will be allowed after the third week.

ENDOWMENTS

The Jesse Knight Endowment Fund. On December 21, 1914, the late Jesse Knight made an endowment to the University of one hundred thousand dollars in six percent bonds. The interest payments on these bonds, together with the payments on bonds which have matured, have been placed at interest, and the cash credit on this account now represents approximately twice the amount of the original endowment.

The Brigham Young University Permanent Endowment Fund. June 4, 1929, the B. Y. U. Associated Alumni initiated a permanent endowment fund for the University. Some very generous contributions and subscriptions were made at this alumni reunion, and the work of building such an endowment has been carried forward by the alumni and school officials with very gratifying results. Members of the graduating classes since that time have shown a remarkably loyal spirit by subscribing to this fund.

LOAN FUNDS

The lending of the following loan funds is under the supervision of the Deans' Council.

The Emmeline B. Wells Relief Society Loan Fund. In honor of Emmeline B. Wells, the General Board of the Relief Society has established a loan fund to assist young women to complete their school work.

Student Loan Fund. The Sophomore class of 1922 established a loan fund to assist students to complete their school work. This fund is augmented each year, the Sophomore class assuming the responsibility for making an annual addition.

Gamma Phi Omicron Loan Fund. The Home Economics Club of the University (Gamma Phi Omicron) has established a loan fund to assist students of the Home Economics department.

Alpha Kappa Psi Loan Fund. The Alpha Kappa Psi has established a loan fund for senior students of the College of Commerce.

Federation of Women's Clubs Loan Fund. The First District Federation of Women's Clubs of Utah has established a loan fund to be lent to the senior girls of the University.

Paul Lewis Harding and Lucille Christensen Harding Loan Fund. This fund was established for the benefit of women students who are in special need of assistance.

Utah Stake Relief Society Loan Fund. This fund was established in 1938 by the members of the Utah Stake Relief Society. It is to be used to help needy young women students.

ASSOCIATED STUDENTS

General Organization. This organization is composed of all students who attend Brigham Young University and is presided over by officers elected by them. It seeks to develop interest on the part of every student in all those activities which contribute to a more democratic "Y" spirit, and to furnish opportunities for all students to participate in those activities which interest them most. Through this organization, student traditions are kept alive. All interclass and intercollegiate activities are encouraged and unified by this organization. Forensic, dramatic, and music activities are fostered by and are under its management and through it the students publish the school periodicals and also the University year book, the "Banyan." The organization also functions as an auxiliary of the school discipline.

Associated Men Students. All men students registered are members of the associated men. The organization is designed to promote specific interests of Y men, and to foster a wholesome masculine atmosphere on the campus. The executive council of four, supplemented by the twelve members of the Y men's council, form the governing group.

Associated Women Students. This is an organization comprised of all girls registered in the institution. Its purpose is to aid and foster all girls' activities. This organization is also a member of the Western Division of the National Organization of Associated Women Students, which includes practically all of the universities and colleges in the United States.

The Presidents Club. This club is composed of the presidents of all clubs, units, classes or any other student organization upon the campus. Its purpose is to keep union and harmony in student activities by keeping the organizations united, and to maintain a student union, rather than cliquishness, and club consciousness. The President of the Associated Students presides over it and calls the club together whenever it is thought advisable by the Student Council.

White Key. Women's honorary organization installed on the campus in 1933. Membership consists of girls outstanding in service, scholarship, and "pep." Its purpose is to foster university activities of merit and to render service to the associated students.

Gold "Y." This is an underclassman's honorary service fraternity, organized in 1935. It is designed to promote and foster fellowship and all activities of the university. It has as special duties; the lighting of the "Y" on the mountain, sponsoring rallies, contests and meets. Gold "Y" membership is based on activity, and the organization strives to include only active students of good scholastic standing.

CLUBS AND SOCIETIES

To enlarge the educational and social opportunities of the university, units, clubs, and societies are organized. In these groups, the spirit of the institution is fostered, and democracy is especially encouraged.

SOCIAL-UNIT ORGANIZATION

The University recognizes proper social development as one of the important by-products of college training.

To provide suitable opportunity for the fulfillment of this purpose a Social Unit Organization has been adopted.

The plan provides that every student in the University shall belong to a social unit. These units include from twenty to thirty members, grouped on the basis of sex, social interest, and congeniality. The whole scheme is democratically supervised by the faculty Social-Unit Committee. The Intra-Social Unit Council, made up of representatives from each Social Unit, has jurisdiction over the internal affairs of the units, such as fees, rush week, initiation, etc.

The Social Units are doing much to keep alive the social ideals of the University and to perpetuate the democratic social traditions characteristic of the Student Body.

DEPARTMENTAL ORGANIZATIONS

This group of organizations has the specific purpose of bringing together persons of similar scholastic interests and of rendering their work more pleasurable and profitable. Each group will foster the activities of the department to which it is allied. The eligibility rules thereof will be such that any member of the department may qualify for membership by meeting the scholastic requirements imposed by the organization. The fees will be reduced to a minimum. Each organization will have a faculty advisor. The following departmental clubs and societies have been organized:

The "Ag" Club. This organization is open to all students of Agriculture, the purpose being to meet and receive instruction from men who have succeeded practically and scientifically in the agricultural work of the state. Social functions in conjunction with the Home Economics department are featured during the year.

David Starr Jordan Biology Club.. This club aims to develop interests in all forms of biological study and has, for its major project, the building of a library of natural science literature. Some 500 volumes have been collected by club members. The increasing animal and plant collections of the department and the new laboratory at Utah Lake, offer interesting materials for new students. Outside of resident students, the membership consists of faculty members, alumni and prominent townspeople.

Drama League. The purpose of this league is to foster the art of reading and dramatics, to appreciate paintings and music, and to give opportunity to its members to hear lectures and readings from the best talent of the state as well as those who are on the lecture platform and the stage. The society meets weekly. It is affiliated with the Drama League of America.

French, Spanish, German, and Latin Clubs. Teachers and students interested in the study of French or Spanish or German or Latin are organized into clubs. These clubs meet twice a month and enjoy programs of songs, talks, reports, games, etc., in which the foreign languages is the medium of speech. Membership is open not only to students but also to all people within easy reach of the University who have studied or are studying the modern languages. Membership privileges are especially extended to people of the community of French, German, Spanish or Spanish-American birth.

Gamma Phi Omicron. (Home Economics.) An organization of the advanced students majoring in some phase of Home Economics. Its purpose is to develop culture and scholarship among its members, and to lend its aid in establishing better homes and community life.

Home Economics Club. The club is organized to create a professional spirit among the students of Home Economics. Regular meetings are held at which interesting lectures are given. Special activities are fostered. All girls registered in Home Economics courses are eligible for membership.

Graduate Club. This club is an organization of the students of the University who are pursuing graduate study. The purpose of the organization "shall be to foster fellowship among its members; to stimulate a desire for higher learning; to assist in finding and developing leadership in the communities; and to use every effort to enhance the interests of the Brigham Young University.". A student becomes a member automatically upon registration in the graduate division.

Literary Club. The purpose of this organization is to develop greater appreciation of good literature and to give opportunity for practice in oral and written expression. Carefully prepared lectures on literary topics and dramatic readings will be given by advanced students, members of the English faculty, and others.

"Y" Psychological Society. An organization to foster a better understanding of scientific psychology, and to supplement the regular courses of the department by affording the opportunity of discussing certain current problems by advanced students and outside speakers.

Studio Guild. This organization is for the benefit of students having special talent in any particular phase of fine art and applied art. Lectures on practical topics in connection with arts and crafts are given by members of the faculty and other recognized educators. Exhibitions of artists' and of craftsmen's work are held under the auspices of this organization.

Yeshara—Women's Missionary Club. An organization of women students who have been engaged in active missionary service. Its purpose is to preserve the missionary spirit among the students and alumnae of the University and to render help where possible to women missionaries in the field.

The "Y" Chemical Society. An organization consisting of students interested in the field of chemistry. Meetings are held every alternate week, at which time lectures dealing with the outstanding problems in chemistry, or material intimately connected with this field are given by authorities on the specific subjects. Various excursions to the outstanding institutions of scientific value and interest in the state are sponsored.

International Relations Club. The purpose of this club is to stimulate interest in a clearer understanding of international problems and to develop a spirit of world helpfulness and peace. The club is sponsored by the Carnegie Endowment for International Peace. It is under the general supervision of the department of Political Science.

Omega Nu. The Omega Nu honorary journalism fraternity was founded in the autumn of 1935 to stimulate interest in journalism and to promote higher standards in the field.

Geographical Clubs are organized for the furthering of social enjoyment and the establishing of bonds of interest between the school and the home.

NATIONAL FRATERNITIES

Theta Alpha Phi. National professional dramatic fraternity. Co-educational. The Utah Beta Chapter was installed at this institution in 1924. The purpose is to foster artistic achievement in all of the arts and crafts of the theatre.

Tau Kappa Alpha. Honorary national debating fraternity. Those who engage in inter-collegiate debating and oratory or who attain marked distinction in forensic activity are eligible to membership.

Alpha Kappa Psi. (Beta Delta Chapter.) A professional commerce fraternity the purpose of which is to foster studies in commerce, encourage scholarship and association between members and the commercial world. Male College of Commerce students are eligible for membership.

Beta Beta Beta. (Phi Chapter.) Installed January 31, 1931. An international honorary biological fraternity, which emphasizes a three-fold program: Sound scholarship; dissemination of scientific knowledge; and promptness of biological research. All junior and senior students having twenty-four hours of biological credit are eligible for membership.

Phi Delta Pi. Women's National professional physical education fraternity. Xi Chapter installed November 21, 1931. Its purpose is to stimulate professional and scholastic interest in physical education.

Blue Key. The Blue Key national honorary leadership fraternity was chartered at the Brigham Young University in the spring of 1932. Its purpose is to foster Student Body projects of merit which cannot well be handled by any other organization. It is an upper-classmen organization, the membership of which is fixed at from twelve to twenty active members.

Sigma Pi Sigma. A national honorary Physics Society with the following objectives: (1) to stimulate high scholarship, (2) to create an interest in research and the advanced study of physics, and (3) to encourage friendship among the majors in the department. Installed May 2, 1936.

Delta Phi. A national honor fraternity whose membership on the "Y" campus is elected from those who have served as missionaries for more than six months. Its purpose is to foster spiritual activity, high ideals, fellowship and sociability. Regular programs and lunches are conducted during the school year at which men of the Church and state are the principal speakers. The "Y" chapter is associated with like chapters at the Utah State Agricultural College and the University of Utah.

Phi Chi Theta. (Psi Chapter.) Installed March 12, 1938. A women's national professional fraternity. The purposes and objectives for which this fraternity is organized are to promote the cause of higher business education and training for women, to foster higher ideals for women in business careers, and to encourage fraternal cooperation among women preparing for such careers.

NON-STUDENT ORGANIZATIONS

B. Y. U. Women's Organization. The purpose of this organization is to foster the ideals of the institution and to help furnish recreation and social amusement for the faculty. A woman is eligible for membership in this organization and becomes a member on payment of dues provided that at the time she seeks admission she is either: (1) a present faculty member, (a faculty member is one who holds at least the rank of instructor); (2) a past faculty member; (3) a matron; (4) a board member; (5) the wife of a faculty member who has died in the service of the school; (6) the wife of a present faculty or board member.

Faculty Fine Arts Club. This club is organized to develop and maintain a closer cooperation among the members of the fine arts faculty; to increase the appreciation of each member for all arts; to keep the members aware of what is going on in the various fields of fine arts; and to encourage among the members original creations in music, literature, paintings, etc.

SCHOLARSHIPS

Graduate Scholarships. A limited number of scholarships are available to graduate students who are prepared to render assistance in the various departments of the University. These scholarships are granted on the recommendation of the departments concerned with the approval of the President of the University.

Elsie A. Wallacott Scholarship. A scholarship for girls representing $30.00 awarded annually through the recommendation of the President.

Van Wagenen Band Scholarship. For the encouragement of worthy students in the line of band music, Mr. Alma Van Wagenen of Provo has established an annual scholarship of $50.00.

Junius M. Jackson Scholarship. An annual scholarship of $75.00 to the most outstanding athlete at the end of the junior year, judged on the basis of athletic participation and scholarship, as determined by the Athletic Council and Registrar, awarded by Junius M. Jackson, President of the Jackson Motor Car Company of Salt Lake City.

Annual Commercial Contest Scholarships. Scholarships are awarded to winners of specified events in the Commercial contest for high school students held at the University each year.

The Oscar B. Young Prize. An award of $50.00 given annually by Professor Kimball Young for the best essay on some phase of **Mormon Community Life.** The adjudication is under the supervision of the department of Sociology.

Mask Club Scholarship. An award of twenty five dollars is given annually to the junior or senior of the Speech Department attaining the highest average in scholarship and excellence in Speech Arts. This award is given upon registration the following school year. The Dean of the College of Fine Arts and members of the speech faculty make the selection.

Speech Tournament Scholarships. The University awards two annual scholarships representing one year's tuition fees to two high school seniors attaining the highest degree of excellence in speech achieved in the Brigham Young University Speech Tournament. Character and scholarship record in the high school will also be considered in making the selection.

The Speech Department awards a quarter's free instruction in private speech to the student attaining highest excellence in dramatic art achieved in the Annual Speech Tournament. This private instruction may be taken from any member of the speech department staff.

Journalism Contest Scholarships. Two scholarships are awarded to the first and second place winners in the journalism contest held in connection with the Annual Intermountain School Journalists' Conference at the university. Any high school student in attendance at the Conference is eligible to participate.

Vilate Elliott Scholarship in Home Economics. Miss Vilate Elliott offers annually a cash scholarship of $50. to the student in Home Economics designated for the award by the faculty of that department.

AWARDS

Students eligible for these awards must be duly registered and carrying successfully at least ten hours of University work.

Provo Chamber of Commerce Medal. The Provo Chamber of Commerce presents annually a gold medal to the most efficient student in the University, based upon scholarship, social status, and public service.

The Elsie Chamberlain Carroll Medal. Mrs Elsie Chamberlain Carroll presents annually a gold medal to the student (girl) of the University writing the best short story.

The Adams Gold Medal. Mr. and Mrs. Walter Adams present annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is a stringed instrument.

The Taylor Gold Medal. Taylor Brothers Company presents annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is the piano.

Alpha Kappa Psi Scholarship Award. Alpha Kappa Psi Fraternity awards annually the Alpha Kappa Psi Scholarship Medallion to the male student of the junior class in commerce who possesses the highest scholastic average for three years' work taken in this university.

The Dr. Horace G. Merrill Silver Loving Cup is awarded to the student of the University who shall attain first place in the annual Cross Country Run, held immediately preceding the Thanksgiving recess. Should a student win first place more than twice the cup becomes the property of such student.

The Woolley Gold Medal. Miss Mary Woolley presents annually a gold medal to the student giving the best rendition of a dramatic reading.

The Stein Gold Medal. Mr. J. Edwin Stein offers annually a gold medal for the most efficient athlete. Efficiency is based upon the participation in athletics, scholarship, and social activity.

The R. R. Irvine Medal is presented annually for excellence in oratory, subject to be based upon some economic problem.

The Class of 1919 Gold Medal is awarded annually for excellence in vocal art.

The Noble Medal. Mrs. Hazel Noble Boyack offers annually a gold medal to the most efficient senior student enrolled in the Home Economics department. The selection of such student will be made by the faculty of the Home Economics department.

The Provo Drama Center, Mask Award. A prize of twenty-five dollars is given each year for the best one-act play of merit, on a Western or pioneer theme.

Provo Rotary Club Gold Medal. A gold medal awarded to the winner of an oratorical contest on some subject of international good will.

Studio Guild Medal. A gold medal is awarded annually by the Studio Guild for the best landscape painting done during the school year in any medium. Members of the Art department faculty and the officers of the Studio Guild make the selection.

Dramatic Service Awards. The Dramatic Art department awards annually a dramatic honor pin to each of three students who have given the most helpful service to the University and to the community during the year.

Egbert Gold Medal. Miss Anna Egbert gives a gold medal for the most efficient debater each year. The award is made in honor of her father, Robert N. Egbert.

Sigma Xi Award. The Society of Sigma Xi of the University awards annually a gold medal for the best piece of research done during the year by any student of the University.

I. E. Brockbank Award. Mr. Isaac E. Brockbank of Provo awards annually a cash prize of twenty-five dollars for the best production in art in any medium.

The Delta Phi Fraternity presents annually a gold medal for excellence in extemporaneous speaking.

Tau Kappa Alpha Fraternity presents two gold medals to the winners of the inter-class debate league.

Journalism Awards. Omega Nu, journalism fraternity, fosters annual contests in short story, feature article, essay, verse, and news writing. Awards are donated by members of the Journalism Department faculty.

Graham Journalism Medal. Howard Graham annually gives a gold medal to be awarded to a student who has done exceptional journalistic service to the University.

Green Journalism Medal. Forace Green, graduate of the B. Y. U. Journalism Department, annually gives a gold medal to the outstanding Journalism graduate.

Sundberg Prize. Mrs. Flora Harvey Sundberg awards annually a cash prize to the most outstanding student in Religious Education.

J. Marinus Jensen Medal. Professor Jensen presents annually a gold medal to the male student of the University writing the best short story.

Gamma Phi Omicron Sorority Scholarship. The Gamma Phi Omicron offers annually a cash scholarship of fifty dollars to the lower division student in Home Economics selected for the award by the faculty of that department. This cash award is to be applied on the student's tuition for the following school year.

STUDENT EMPLOYMENT

The Committee on Student Aid and Employment does everything possible to assist worthy students in finding employment. This includes not only placing students in positions within the University campus, but also assistance in finding part-time employment in off-campus jobs, as well as board and room work for both men and women. During the past few years the University has received grants from the National Youth Administration, which has made it possible to give employment to several hundred men and women who are qualified for this aid. Students are not encouraged to attempt to earn their entire way through school, since this ordinarily takes too much time from their studies.

DISCIPLINE

The maintenance of standards of honor, Christian integrity, and Latter-day Saint ideals is required. Within these limits the students are given the fullest freedom. Those who fail to conform to these standards either in personal habits or associations are subject to discipline.

The use of tobacco will not be permitted, and having improper associates or visiting places of questionable repute will not be tolerated.

All social functions given by any organization of the school are under the direction of the standing committee on socials. Any disciplinary announcement made by the executive of the institution becomes a part of these regulations. Violations of regulations makes the offender liable to suspension or expulsion.

Regular attendance is required at all recitations, laboratory and field work. The committee on attendance and scholarship has general supervision of the disciplinary work of the institution. Regular students who are not satisfactorily carrying at least ten hours work will not be allowed to remain in the institution.

FUNCTION OF THE MEDICAL DIRECTOR

The principal function of the medical director is to conduct the physical examinations of the students and to look after the general health conditions of the school. In addition all students have the privilege of free consultation with him at his University office during schedule office hours, or by appointment. He will gladly respond to all calls to investigate the presence of contagious diseases, but he cannot assume the responsibility of furnishing free treatment for such cases, as is done in schools where the students pay a medical or hospital fee. However, if those students who are unable to pay for necessary services are reported, efforts will be made to see that they are taken care of. No charge will be made for first aid service to persons injured in athletic contests or other forms of school activities, except for material used.

DEAN OF WOMEN

The Dean of Women is charged with the general oversight of all women students, and is always ready to aid and advise them in matters pertaining to their university life. She will not only attend to the special needs of young women during school hours, but will use every precaution to see that they are properly cared for at their boarding places. All women students are required to leave a directory card with the Dean of Women when they register.

DEAN OF MEN

The Dean of Men is charged with the general oversight of all men students, and is always ready to aid and advise them in matters pertaining to their social, personal, and vocational problems. Assistance and advice is also available regarding employment and housing problems. All men students are required to leave a directory card with the Dean of Men when they register.

LIBRARY

The University Library contains more than 116,000 volumes and 50,000 pamphlets and bulletins. These publications cover all phases of human interest and offer opportunity to make intensive studies in almost any field of the sciences, or arts. The library has for years been a Government Depository to receive all Government documents. These documents are all well classified and indexed. Besides the Government Documents the Library has nearly a complete set of all agricultural experiment station literature from every state in the Union. It regularly receives important state documents on education, history, politics and various other topics as they are issued by the different states, and is on the publication exchange lists of many of the colleges and universities of the United States and elsewhere. The Carnegie Institute of Washington, the Carnegie Peace Foundation, the Rockefeller Foundation, the General Education Board, the American Council on Education, the Milbank Memorial Fund, the Bell Telephone Laboratories and several of the large business organizations all supply technical and informative literature. The Library subscribes for such technical journals and magazines as are essential to a thorough college education, and it maintains its own book bindery.

Each year the Library strengthens itself along specialized lines through contributions of books to its special collections, of which the following are now being rapidly augmented:

B. Y. U. Women (Memorial) Collection—General.
Brimhall Collection—Theology.
Bennion Collection—Biography
Cannon Collection—General.
C. H. Carroll—Medical.
Egbert Collection—Music.
Heber J. Grant—General.
Henning Collection—Archaeology.
Hinckley Collection—Geology.
International Relations Club—International Questions.
Ivins Collection—The American Indian.
Christian Jensen Collection—Political Science.
Jex Collection—General.
Jordan Club Collection—Biology.
Lund Collection—Music.
McKay Collection—Education.
Mask Club Collection—Dramatics.
Nelke Collection—General Literature.
Reynolds Collection—Literature.
Smith (F. W.) Collection—Chemistry.
Sorosis Club Collection (Memorial)—General.

Spilsbury Collection—Home Economics.
Talmage Collection—Science and Religion.
Whitaker Collection—Foreign Languages.
Whitecotton Collection—
Widtsoe Collection—Agriculture.

The Library is open each school day during the regular school year from 8 A. M., until 10 P. M.; on Saturdays from 10 A. M., until 4 P. M.; and during the Summer Session from 7:30 A. M., until 9 P. M.

SPECIAL SCIENTIFIC AND ART COLLECTIONS

The Zoological and Etcmological Collections of the University consists of a large series of identified vertebrate and invertebrate species of Utah and contiguous states. A complete series of fish, amphibians, reptiles, birds and mammals of this region are to be found in the collection. The fish collection is especially rich in species and specimens from the Intermountain Region. The bird collection consists of about 4,500 skins, 1,000 of which were collected in the Magdalena River Valley of South America by Chester Van Buren in 1901-1903.

The Entomological collections consist of 210,000 specimens, the Tom Spalding Collection of Utah Lepidoptera, the Chester Van Buren Collection of South American Butterflies, the Charles W. Leng Weevil Collection, the Charles Schaeffer Weevil Collection, and many species of weevils from the Blatchley Collection form important portions of this collection.

These collections are being added to annually by means of collection expeditions that are sent out to various parts of the Western United States.

The Botanical Collection includes a herbarium of liverworts, mosses and vascular plants; and also an extensive series of preserved algae, fungi, liverworts, mosses, ferns, and seed plants. There is also included a series of plants which illustrate various plant diseases.

The herbarium is made up principally of plants collected throughout the Western States, but many species from other regions are included. The collection of North American plants includes 160 families, 900 genera, and 3300 species, represented by over 12,000 herbarium sheets. There is also a collection of plants from Siberia, obtained by President F. S. Harris in 1929, as well as a small group of plants from Europe and from South America.

The Geological Collections of the University consist of an unusually complete series of minerals and an interesting variety of fossils.

The minerals number many thousands and are representative of the great western mining districts together with hundreds of world localities of note. Part of this collection once represented the nucleus of the famous Deseret Museum collection of Salt Lake City.

The fossil series are representative of many western and typical world localities. Much of this material was also formerly a part of the Deseret Museum collection. The vertebrate collection is especially rich in original fossils and casts of the characteristic mammalian fauna that lived in the Western states during the immediate geologic past.

The Archaeological collections include a number of well prepared case exhibits of Utah Indian materials, including pottery, basketry, stone implements, wearing apparel and picture writings. It also includes a number of South Pacific Islands collections together with what is thought to be the finest South American collection of Indian pottery in the West.

The Fine Arts Collection of paintings, sculpture, drawings, etchings, engravings, monotypes, lithographs, and reproductions of works of art as follows:

I. Memorial Collections
   1. The Lee Greene Richards' Collection of 35 paintings.
   2. The James T. Harwood Collection of 90 paintings, etchings and drawings.
   3. The John Hafen Collection of 24 paintings.
   4. The Elbert H. Eastmond Collection of 64 paintings.
   5. The John Willard Clawson Collection of 85 paintings, and sketches.
   6. The Maynard Dixon Collection of 85 paintings and sketches.

II. There are many Utah artists represented in the Brigham Young University Fine Arts Collections, including George M. Ottinger, Daniel Weggeland, John B. Fairbanks, Samuel Jepperson, Edwin Evans, Minerva Teichert, Alma Wright, Waldo Midgley, Calvin Fletcher, Cornelius Salisbury, Joseph Everett, Henri Mosier, Torlief Knaphus, Avard Fairbanks, etc., etc.

III. Well known national artists represented in the collection include Lee Randolph, George Elmer Browne, Fern Gary, Gordon Grant, Marie A. Hull, Haley Lever, Clarence Millet, Louise F. Mora, Chauncey F. Ryder, Matteo Sandona, W. Lester Stevens, Anthony Thieme, John Law Walker, J. Alden Weir, John Whorf, Elliot Daingerfield, George Pierce Ennis, John E. Castigan, George Henry Taggert, William Morris, Jon Carbino, J. Connaway.

IV. Original, etchings, lithographs, prints, including the work of Ernest Fiene, Rockwell Kent, Joe Jones, Reginald Marsh and Waldo Pierce.

V. Oriental art including Japanese paintings, prints, and reproduction.

VI. Reproductions of famous works of art including various types of modern art.

VII. Collections of slides including natural color slides.

GENERAL REQUIREMENTS FOR UNDERGRADUATE WORK

ADMISSION

A student seeking admission to any of the colleges of the University must be a graduate of an accredited high school, or he must present sixteen units of approved high school work which must be acquired during four school years, or he must pass an examination in a sufficient number of subjects to make sixteen units. In no case shall fewer than twelve of the sixteen units be acquired during the last three years of high school.

He must offer among his credits the following:

English	3 units
A principal group	3 or more units
A secondary group	2 or more units

The principal and secondary groups must be selected from either Mathematics and Science or from History and Social Science. At least one unit in Mathematics, either Algebra or Geometry, must be included in either the principal or the secondary group. If the principal group is from Mathematics and Science, the secondary group must be from History and Social Science, or vice versa.

To facilitate registration, a student seeking admission is requested to forward an official copy of his credits to the Registrar not later than September 1. If blanks for this purpose are not to be had at the local school, they me be obtained from the Registrar at the University.

In case a student is unable to furnish an official transcript of credits on or before the day of registration, he may be admitted tentatively, provided the committee on admission and credits is convinced he can furnish such transcript and otherwise meet the entrance requirements within thirty days. During this tentative period he will be rated as unclassified.

A student of twenty-one years of age or over, who has not completed sixteen units of high school work, but shows ability to do special work, may be admitted to any of the colleges of the University. Ability to do special work must be certified to by the heads of the departments concerned. He may pursue any course for which he has sufficient foundation, and will be rated as an unmatriculated student. To become a candidate for a degree such student must meet the entrance requirements.

A student who has met the entrance requirements but who is carrying fewer than eight hours of work will be designated as a special student.

COURSE DIVISIONS

Undergraduate courses of study are divided into:

(a) Lower Division
(b) Upper Division.

Lower Division courses are numbered in the catalogue from "1" to "49." Upper Division courses from "50" to "99." Graduate courses are given numbers above "100."

ELECTION OF STUDIES

The student, in electing his studies, should, with the advice and approval of the dean of the college in which he registers, elect such studies as are desirable. The major and minor, as well as the general, requirements for graduation should be kept in mind in electing studies. Four hours credit in Physical Education are required of all Freshmen. Should a resident student desire to take courses by correspondence or in extension classes, the approval of the student's dean must me secured, and the correspondence or extension work entered upon the regular registration card. Excess work taken by correspondence or extension classes not approved in this manner, will not be recorded for credit. Resident students of other institutions who apply for correspondence or extension class work, at this University, must have their proposed registration approved by the president of the institution in which they are registered. Students wishing to transfer correspondence credits from other institutions are subject to examination by the University department concerned.

At least five quarters of lower division work should be completed before the student registers for upper division work, unless in certain sequences the dean with the consent of the instructor advises otherwise. Included in the lower division work must be English 1, 2, 3; and for the A. B. degree twelve hours in foreign language work. It is recommended that as far as possible group requirements be completed by the close of the sophomore year.

CLASSIFICATION OF STUDENTS

A regular student with fewer than forty-five hours credit at the beginning of the school year will be classed that year as a Freshman.

A regular student with more than forty-five hours credit and fewer than one hundred thirty-five at the beginning of the be classed during that year as a Sophomore.

A regular student with more than eighty-nine hours credit and fewer than one hundred thirty-five at the beginning of the school year will be classed during that year as a Junior.

A regular student with more than one hundred thirty-four hours credit at the beginning of the school year will be classed during that year as a Senior.

CREDITS

A student may have credit entered on the books of the University as follows: 1. For work done in the regular courses offered by the institution. 2. For work done in an accredited college when such credit is to be used for graduation from the University, the amount to be determined by the committee on credit. 3. By passing a satisfactory examination in any course offered by the University under the supervision of the head of the department concerned. Credits from other schools should be filed with the Registrar upon entrance.

Special examinations for advance credit will be given only with the consent of the head of the department concerned, the dean of the college in which the student is registered, and the committee on credits.

An incomplete course of study must be completed during the next quarter of residence, provided the next quarter of residence is within one year; otherwise the course must be retaken in a class or a special examination taken to obtain credit.

A fee of $2.50 per credit hour is charged for special examinations, provided the total fee for any one subject does not exceed $20.00.

GRADUATION

GENERAL REQUIREMENTS

For a student to be admitted to candidacy for a diploma or a degree, his scholastic record must show that he has satisfied the entrance requirements, and that he can fulfill all the requirements for graduation on the completion of the courses for which he is registered. At the time of graduation each candidate must be properly registered in the University, and must have completed at least forty-five hours of work in residence.

The following graduation requirements apply to all candidates for a bachelor's degree from any of the colleges of the University:

Total amount of credit	186 hours
Requirement for a major	30 to 45 hours
Requirement for a minor	20 hours

Group Requirements:

Mathematics and Physical Science	12 hours
Biology and Psychology	12 hours
Social Science	12 hours
English and Foreign Languages	18 hours

Twenty four quarter hours of credit in Religion is required of all students who have secured all their credit while in attendance in this University. The amount of credit in Religion required from candidates who have been registered in other institutions will be determined in each individual case by the University Council.

Lower Division Courses Required:

English 1, 2 and 3.
Physical Education 1, 4, 5, 6.

A candidate for a Bachelor of Arts degree is required to furnish 24 hours credit in a foreign language. Shopwork, shorthand and typing will not be credited towards the A. B. degree.

Not more than 28 hours of "D" grade credit will be applied towards graduation.

Students who expect to be graduated at the end of the spring quarter should file application with their dean not later than the beginning of the winter quarter. All conditions must be removed not later than ten days before graduation.

Students who fulfill all requirements for graduation at the close of the Summer Session and who have filed application for graduation not later than thirty days preceding the close of the spring quarter may have their graduation certified to by the proper authorities of the University, but they shall not be publicly graduated until the annual commencement of the following year.

The University reserves the right to change the requirements for graduation and a candidate for graduation will be asked to comply with all changes which pertain to the uncompleted portion of his course. The University Council is the body authorized to prescribe requirements of graduation and to pass on candidates.

GROUP REQUIREMENTS

Ordinarily the object of the first two years of the University curriculum is to introduce the student to fundamental fields of human interest and to provide a broad basis for later specialization. In order that these purposes may be achieved, certain studies should be completed under the direction of the respective deans. Before a regular student will be permitted to register for more than five quarter hours of upper division work during any one quarter, he must choose or be tentatively assigned to a major professor and have completed the number of hours prescribed in each of the following groups:

1. Mathematics and Physical Science. 12 hours. (Mathematics, Chemistry, Physics, Geology and Geography.) To satisfy the twelve-hour group requirement the student is urged to take work in at least two departments. At least one of the courses taken must require no fewer than two hours of laboratory work each week.

2. Biology and Psychology. 12 hours. (Bacteriology, Botany, Zoology and Entomology, Psychology.) To satisfy the twelve-hour group requirement the student is urged to take work in at least two departments. At least one of the courses must require no fewer than two hours of laboratory work each week.

3. Social Science. 12 hours. (Economics, History, Political Science, Sociology.) To satisfy the twelve-hour group requirement the student is urged to take work in at least two departments.

4. English and Foreign Languages. 18 hours, at least 12 hours of which must be in English. This group must include English 1, 2, and 3. In case a student has credit for at least two units of foreign language taken in high school, this group may be reduced to 14 hours.

MAJOR AND MINOR REQUIREMENTS

At least sixty hours of upper division work must be furnished by students applying for graduation.

At the beginning of his college course, and in no case later than his Junior year each student should select his major department, the head of which in connection with his dean, will serve as his special faculty adviser. At the time of his graduation he must have completed from thirty to forty-five quarter hours in the department, and no fewer than twenty hours in collateral or minor subjects which meet the approval of the head of his major department.

In cases where the prospective graduate's high school and college work shows marked evidence of deficiencies in grade of scholarship, in breadth of training, or a preparation for probable future activity, the head of the department in consultation with the dean may prescribe certain additional specified courses to the extent of fifteen quarter hours according to the needs of the particular student.

THE TEACHING MAJOR AND MINOR

The head of the department which teaches the subject, shall formulate and exercise control over the teaching major. Students majoring in Secondary Education, Educational Administration or Philosophy of Education, who seek State certification, shall present a teaching major subject to this regulation and also a teaching minor.

All students who expect ot take practice teaching are required to make formal written application on blanks provided by the teacher training division of the College of Education, at least three months prior to the date of beginning practice teaching, and preferably not later than the end of the second quarter of the junior year. Before students are permitted to begin practice teaching, their application for secondary training must be approved by the head of the respective subject matter department and by a committee for that purpose in the College of Education, and the applications for elementary training must meet the approval of a committee in the department of Elementary Education with the head of that department serving as chairman.

STATE REQUIREMENTS FOR TEACHING CERTIFICATES

General High School Teaching Certificate. An applicant for the general high school certifictate must show:

(1) That he has completed a standard college course of four years, or its equivalent.

(2) That he has a teaching major of at least thirty-hours in one subject which is taught in Utah high schools, at least **15 hours of which must be in upper division work, and one teaching minor of eighteen hours** in a subject which is taught in Utah high schools.

(3) That he has at least 16 hours of work in the following subjects allied to education: 6 hours in health and physical education, 10 hours in ethics and sociology, or 5 hours in one of these subjects and 5 hours in political science or economics.

(4) That he has at least 27 hours in education, including at least 8 hours in secondary training, 3 hours in the organization and administration of secondary education, 3 hours in educational psychology, and 3 hours in guidance and personnel.

The additional credit in education may be selected from the following subjects:

Advanced Educational Psychology.
Social Psychology.
Social Education.
Statistical Methods.
Educational Tests and Measurements.
Special Methods.
History of Education.
Philosophy of Education.

General Elementary School Teaching Certificate. Beginning elementary school teachers will be required to hold the elementary certificate based on at least 3 years (135 hours) of approved normal school or college work. In the 135 hours there shall be included: 10 hours in English at least 6 of which shall be in English composition; 4 hours in language and literature for children; 6 hours in physical and health education, 3 hours in art, 3 hours in music, 27 hours in education to include 10 hours in training and at least 3 hours in each of the following education subjects:

Educational Psychology.
Elementary School Curriculum.
Principles of Education.
Organization and Administration of Elementary Schools.

There will also be included in the 135 hours, 10 hours in each of the following groups:

Social Science.
Biological Science.
Physical Science.

THE GRADUATE SCHOOL

All graduate work leading to higher degrees is now administered under the direction of the Graduate School.

Character of Graduate Work. The essential aim of graduate study is to develop the power to do independent work and to encourage the spirit of research. Each candidate for a higher degree is expected to possess a broad, general knowledge of his major and a fair degree of information in his minor subject.

Registration. All students pursuing graduate work are to be registered by the Dean of the Graduate School.

Students holding a Bachelor's degree equivalent to that conferred by the Brigham Young University will be admitted to graduate work without examination.

If during any quarter of the senior year a candidate for a baccalaureate degree finds it possible to complete all requirements for such degree with a registration of fewer than sixteen hours of undergraduate credit he may register with the Dean of the Graduate School for enough graduate credit so that the total registration shall not exceed sixteen quarter hours during such quarter.

Admission to graduate courses is granted only to those who have the requisite undergraduate work in those courses or departments. In order adequately to determine this fact the student should file with the Dean of the Graduate School an official transcript of his undergraduate courses at the time that he registers for graduate study.

Each graduate student must submit his course of study and the title of his thesis to his major professor and the Dean of the Graduate School for approval. Changes in registration may be made only with their consent.

Graduate credit is given under the following conditions: (1) The courses for which graduate credit is given must be definitely catalogued as courses carrying graduate credit. (2) Only those students who are eligible to receive graduate credit at the time a course is taken will receive graduate credit for such a course.

Admission To Candidacy. Registration for graduate study does not admit a student to candidacy for a higher degree. A graduate student who has been in residence one quarter or more whose thesis subject has been approved, and who has given evidence of ability to do work of a graduate character may be admitted to candidacy for a higher degree by vote of the University Council. The mere accumulation of credits does not necessarily indicate ability to do graduate work. All applications for admission to candidacy for a higher degree should be made to the Dean of the Graduate School.

Requiremeqnts for the Master's Degree. Two higher regrees are offered: Masters of Arts (M.A.), provided the candidate meets the foreign language requirement for the A. B. degree; and Master of Science (M. S.) if the candidate does not meet the foreign language requirement for the A. B. degree. A student may be admitted to candidacy upon the completion of the following requirements: (a) The candidate must, after securing a Bachelor's degree, furnish 45 hours of graduate credit, approved by the Dean of the Graduate School and major professor, in addition to 186 hours of college credit, and 16 units of high school credit. Beginning with the school year 1935-36 the candidate will also be required to be in residence three quarters. (b) A thesis must be submitted based on work done in some field of investigation within the major department, and which must show evidence of independent research. The final acceptance of the thesis shall be under the supervision of a committee to be known as the Thesis Committee. This Committee shall consist of the major professor and two other persons to be selected by him. The thesis must be completed at least ten days before the final examination. (c) At least fifteen days before graduation, the candidate must pass an oral examination to be given by a committee to be known as the Examining Committee. This Committee shall consist of five members including the Dean of the Graduate School, the major professor, and three other members to be selected by them.

The candidate shall furnish complete copies of his thesis to his major professor and to the Dean of the Graduate School at least five days before the date of the final examination. (d) A bound typewritten or printed copy of the thesis must be furnished the University library. Before the degree is granted the candidate must file with the Dean of the Graduate School a copy. (e) A candidate for a Master's degree must secure a grade of "B" or above in three-fourths of his graduate work. No grade below "C" will count toward a Master's degree. (f) An applicant for this degree must furnish at least one-half of his graduate credit is his major subject. The rest of the credit for this degree must be offered in work closely related to the major subject.

A maximum of nine (9) quarter hours of graduate extension credit may be applied toward a Master's degree provided such credit has been earned through the Extension Division of this University and has been approved by the Director of the Extension Division and the Dean of the Graduate School when the candidate registers for such credit. No credit earned in Correspondence courses can be applied toward a Master's degree.

A maximum of nine (9) quarter hours of graduate credit earned in another standard college or university may be applied toward a Master's degree, but in no instance shall such transferred credit, or any extension credit be accepted toward the fulfillment of the requirements for a Master's degree unless all such credit is closely integrated and related to the candidate's major field of study.

Under no circumstances shall a candidate be permitted to apply more than a maximum of fifteen (15) quarter hours of combined extension credit and transferred credit from other approved colleges and universities.

The use of extension credit and transferred credit for the Master's degree shall under no conditions modify the University requirement that a candidate for his degree must be in residence during three quarters.

A minimum of thirty (30) quarter hours of graduate credit must be secured in residence in this institution.

SCHOLARSHIP HONORS

In recognition of meritorious work, scholarship honors are granted to members of degree graduating classes in accordance with the following:

First. There shall be two degrees of honor: **Graduation with Honor, and Graduation with High Honor.**

Second. The wards shall be made on the basis of excellence shown in the upper division or graduate work done in the Brigham Young University.

Third. To receive the award of Graduation with Honor a student shall have a record of not fewer than thirty hours of upper division work showing "A" grade and not fewer than fifty hours of such work showing "A" and "B" grades.

Fourth. To receive the award of Graduation with High Honor a student shall have a record of not fewer than forty hours of upper division work showing "A" grade, and not fewer than fifty-four hours of such work showing "A" and "B" grades.

Fifth. The number of graduates receiving honors shall not be greater in any year than one-fifth of the numbers of students graduating. In the event that more than one-fifth of the graduates shall meet the honor requirements set forth above, the students to receive honors shall be chosen as follows: The number of hours of "A" grade of each subject shall be multiplied by "1½," and the number of hours of "B" grade by "1." The one-fifth of the graduates receiving by this process the highest product totals shall receive honors.

Sixth. It shall be the duty of the Committee on Graduation to make selection of candidates in accordance with these provisions.

Seventh. The announcement of honor awards is to be made at the annual commencement exercises.

Term Honors. The University will post and publish at the close of each quarter of the regular school year the names of the students who have received "A" grades in not fewer than sixteen hours.

EXTRA CURRICULAR PARTICIPATION

With the exception of freshmen and transfers in the first quarter of residence, all regular students desiring to participate in any form of extra curricular activity are required to show at least ten hours of academic work taken and completed within the quarter immediately preceding the one in which they desire to participate, and carrying a minimum grade point average of "C". After three quarters of residence all such regular students are also required to show at least thirty hours of work taken and completed within the three quarters immediately preceding the one in which they desire to participate, and carrying a minimum grade point average of "C".

ALUMNI ASSOCIATION

The B. Y. U. Alumni Association was organized in 1893. The purpose of the organization is to promote the highest interests of the Institution and a closer fellowship between alumni and students. The constitution provides that, "anyone who has successfully completed one quarter at B. Y. U. may become an active member by paying his annual dues of $2 or Life Membership of $25.00." Alumni local chapters are functioning in various parts of Utah and in other states.

Beginning with the class of '38 all graduates receive a certificate of membership into the B. Y. U. Alumni Association with dues paid for the first year out of school. They are active members and receive all advantages as active members.

Six of the twelve Board of Directors are elected each year at the Annual Alumni Banquet held during Commencement Week.

In 1938 a permanent general secretary of the Association was appointed to serve as a medium of communication between the University and the alumni and to get students thinking "alumni". This position is now held by Cornelius R. Peterson whose office is in Room 331, Brimhall building on the University Campus.

Colleges

COLLEGE OF APPLIED SCIENCE

The aim of the College of Applied Science is to provide instructions in the scientific principles and technical operations pertaining to the farm, the home, the shop, and the professions, trades, and industries related to the same. Students may specialize in any one of the many fields of applied science and prepare for capable leadership and efficient service in their chosen lines.

The degrees, Bachelor of Science and Bachelor of Arts, are given to graduates of this College.

Majors may be selected from the following departments in the College of Applied Science: Agronomy, Animal Husbandry, Horticulture, Home Economics, Bacteriology, Animal Husbandry, Horticulture, Home Economics, Landscape Architecture, Mechanic Arts.

Summary of requirements for a teaching major in Home Economics which qualifies for a Vocational Home Economics Certificate.

Group and prerequisite requirements	56 hours
Clothing and Textiles 1, 2, 3, 55, 56, 10, 15, 62	21 hours
Foods and Nutrition 10, 11, 12, 50, 5 15	20 hours
Household Administration 5, 60, 60b, 61, 62, 80, 81, 82, 63, 64, 65	28 hours
Education which includes Household Administration 71, 72, 73	30 hours
Art 21, 25, 29, and 4 elective hours	10 hours
Physical Education	4 hours

The 69 hours in Home Economics courses replace the regular major and minor requirements.

SUMMARY OF REQUIREMENTS FOR A TEACHING MAJOR IN AGRICULTURE

Agronomy 21, 22, 41, 57.
Animal Husbandry 1, 7, 9, 21.
Horticulture 1, 3.
Landscape Architecture 13, 24.

A teaching minor in Biological Science, Physical Science, or Mechanic Arts should accompany a teaching major in Agriculture. The following courses are suggested:

Botany 1, 2, 3, 5, 60; Bacteriology 21, 22.

Zoology 11, 18, 30, 77; Chemistry 21, 22; Physics 11.

Geology 1; Mechanics 1, 2, 6, 7, 11; Drawing 3, 4;

Engineering 1, 3.

Education requirements for the certificate are as listed by the College of Education.

It is recommended that those in this college who expect to fill the requirements for teaching with a major in Agriculture, should include in the Social Science group, Agricultural Economics 60, and should also maintain close contact with the College of Education as well as with the major departments concerned.

It is further recommended that this be accomplished by registering in the College of Education.

COLLEGE OF ARTS AND SCIENCES

The primary purpose of the College of Arts and Sciences is to meet the needs of students who desire a broad and liberal education that will enable them to find and take their places in the complex civilization of today. Abundant opportunity is provided for those who have ambition for specialized study in engineering, medicine, law; or who desire to train for religious, political or social leadership. Preparation for original investigation in the fields of this college is emphasized. Students who wish to build a foundation for advanced degrees will find this college rich in opportunity.

In order that the beginning student may receive adequate guidance in the selection of a course of study, this college has been divided, for purposes of freshmen and sophomore registration only, into the following divisions. Detailed suggestive courses may be obtained from the Dean on application.

Biological Science Division. For students with special interests in bacteriology, botany, psychology, and zoology.

Physical Science Division. For students with special interests in chemistry, geology, geography, mathematics and physics.

Social Science Division. For students with special interest in history, political science, sociology and economics.

Language Division. For students with special interest in English, French, German and Spanish.

General Course Division. For students who have as yet no special interest, but who need orientation.

This college also offers pre-engineering, pre-medical, and pre-legal courses as follows:

Pre-Engineering Course

The following courses are suggested for students wishing to qualify in Pre-Engineering work. Chemistry 4, 5, 6; Drawing 4, 5, 6; Economics 1; Engineering 40, 41, 42; Mathematics 11, 12, 13, 50, 51 and 52; Mechanics 18; Physics 41, 42, 43; Physical Education 4, 5, 6.

Pre-Medical Course

The requirements for admission to Class A medical colleges vary from a minimum of three years of standard college work to the possession of a bachelor's degree. Students contemplating studying medicine should communicate early in their undergraduate course with the Dean of the particular medical college they wish to enter, in order to learn the exact entrance requirements at the time they expect to enter. Practically all medical colleges prescribe the same minimum of subject matter which includes general zoology, vertebrate anatomy, embryology, general inorganic chemistry, quantitative analysis, organic chemistry, general physics, and a reading knowledge of French or German.

Students are advised to take the following courses in their pre-medical training at this institution. These courses should be taken in their sequence through the lower and upper division years. Chemistry 4, 5, 6, 10, 11, 71, 72, 73; Physics 41, 42, 43; English 1, 2, 3, and 6 additional hours in English; French or German 1, 2, 3, 54, 55, 56; Zoology 11, 18, 55, 56, 71, 72; Bacteriology 21 and 22; Psychology 11; and Sociology 11 and 12.

In brief the student entering the medical school should have a good background of general education. Students who expect to fulfill the requirements for the batchelor's degree may major in zoology or chemistry, depending on the particular interest of the student.

The Medical Aptitude Test, prepared by the Association of American Medical Colleges and required of all pre-medical students, should be taken during the year prior to application for admission to a medical college.

Pre-Legal Course

Lower division students who contemplate the study of law should register for Political Science 1, 10, 11; Economics 1, 2, 14; English 1, 2, 3; and Physical Education 1, 4, 5, 6. They are also advised to register for work in American and English history, and in Sociology. Electives should be chosen from courses which satisfy group requirements.

At least by the beginning of the junior year students should select their major department and seek the aid of the major professor as well as the Dean in matters of registration. Students may select their majors from any of the following departments in the College of Arts and Sciences: Bacteriology: Botany, Chemistry, English, Geology and Geography, History, Mathematics, Modern and Classical Languages, Physics, Political Science, Psychology, Sociology, and Zoology and Entomology. The degrees, Bachelor of Arts and Bachelor of Science, are given to graduates of this College.

COLLEGE OF COMMERCE

The purpose of the College of Commerce is to provide training for leadership in finance and industry. Courses are so arranged that students will be given the training that will best fit them for analyzing business conditions, for efficiency in office administration, and for the demands of the industrial and financial world. The degrees, Bachelor of Science and Bachelor of Arts, are given to graduates of this College.

Majors may be selected from the following departments: Finance and Banking, Accounting and Business Administration, Agricultural Economics, Economics, Marketing, and Political Science.

COLLEGE OF EDUCATION

The College of Education is one of the professional schools of the University. Its principal function is the training of teachers, principals, supervisors, and superintendents. This college meets the requirements of the Utah State Board of Education for the various grades of elementary and high school certification and for certificates and diplomas in administration and supervision.

The College of Education is made up of two constituent divisions, namely: The departments of academic instruction, and professional education departments, including the training schools.

The following departments are at present organized: Elementary Education, Philosophy of Education, Psychology, Educational Administration, Secondary Education, Religious Education, and Physical Education.

In addition to the foregoing departments for majors and minors in the College of Education, students of this college may major in any department of the University, which department requirements they fulfill, provided they take at least thirty hours in professional and educational subjects.

All students who expect to take practice teaching are required to make formal written application on blanks provided by the teacher training divisions of the College of Education at least three months prior to the date of beginning practice teaching, and preferably not later than the end of the second quarter of the junior year. Before students can be permitted to begin practice teaching, their applications for secondary training must be approved by a committee in the College of Education and by the head of the respective major subject matter department; and applications for elementary training must meet the approval of a committee in the department of Elementary Education with the head of that department serving as chairman.

The degree of Bachelor of Arts and Bachelor of Science are given to graduates of this college.

Training Schools: Two training schools are established: first, an elementary training school organized for practice teaching for those preparing for kindergarten and elementary school work; second, a secondary training school which offers training in the six years in junior and senior high schools.

Students are urged to complete the requirements for a degree in Elementary Education. The diploma of graduation is an endorsement of the student's fitness to teach in the elementary schools and will enable him to secure a first class elementary school certificate from the Utah State Board of Education.

THE COLLEGE OF FINE ARTS

The policy of the University has always provided for a liberal patronage of the fine arts. A constantly growing desire to offer greater opportunities to those whose inclinations and talents lead them into this field resulted in the organization of the College of Fine Arts.

With an exceptionally well prepared faculty, who have received the benefits of extended study and travel in recognized art centers, and adequate physical equipment in each department, this college is able to do work of high scholastic standing.

Any course offered in this college, leading to a degree, is the cultural equivalent to other college courses differing from them mainly in respect to the emphasis placed upon the study of the fine arts.

At present the following departments, fully organized, are included in the College of Fine Arts: Art, Speech, and Vocal and Instrumental Music. Majors may be selected from the work offered by these departments. Graduates of the college may receive the degree of Bachelor of Arts or Bachelor of Science.

DIVISION OF RELIGION

It has always been the view of the Church that there was involved in the training of its youth a proper blending of religious and moral forces with secular knowledge. The spiritual attributes of man need to be as fully developed as his material nature. From its inception the institution has therefore offered courses in religion in the belief that no life is full and complete unless it is established on a firm religious and ethical basis.

The Division of Religion was established to supervise all religious instruction in the University and to oversee all forms of religious activity which may be carried on in the institution. The following departments are at present organized: (1) Bible and Modern Scripture, (2) Church History, (3) Church Organization and Administration, and (4) Theology and Religious Philosophy.

Students in any college of the University who complete 36 hours of Religion, which must include at least 4 hours in each department in the Division of Religion, will receive a special certificate for such accomplishment. The Master's degree is the only degree offered in this field, and is conferred upon those students who major in Religion.

SUMMER SESSION

It is the policy of the Brigham Young University to make the summer session one of the regular quarters of the school year. A large corps of teachers, supplemented by well known educators from other institutions, offers a wide range of subjects from each of the departments of the school.

The summer session is divided into two terms so that students may be in attendance only part of the summer, if they desire, without hindrance to the completion of their courses. The first term is held on the Provo Campus, the second on the Alpine Campus to the east of Mount Timpanogos. This latter campus is located about eighteen miles from Provo at an elevation of nearly 7000 feet. Although a wide range of subject matter is taught on this campus it affords exceptionally fine conditions for the study of art and the natural sciences.

The summer session offers the opportunity to persons who are employed during the usual nine months of schooling to pursue graduate work, and to regular students the opportunity to complete requirements for graduation in a shorter time than four years.

LYCEUM COURSE

For more than forty years the University has brought to its students distinguished men and women in music, lecture, and art.

During the past year the following appeared:

Roth Quartet	String ensemble (three summer appearances).
Fray and Braggiotti	Duo pianists, with Rubinoff and his violin.
Marcel Dupre	French organist and daughter, Margurite, pianist
Roger Aubert	Swiss pianist.
Jussi Bjoerling	Swedish tenor.
George Dangerfield	Author and commentator.
Edward Tomlinson	Authority on South America
John G. Neihardt	American poet and literary critic.
Kryl and His Symphony Orchestra	
Jan Cherniavsky	Russian pianist (two appearances).
Gaspar Cassado	Spanish 'cellist.
Ernst Wolff	Baritone
Mary Ellen Chase	American novelist
Hugh Gibson	Diplomat.
Moriz Rosenthal	Pianist.
Westminster Choir	Vocal ensemble
Joseph Szigeti	Violinist.
Rudolph Genz	Pianist, conductor with B.Y.U. Symphony Orchestra
Carl Van Doren	Author and critic.
Ethan Colton	Political observer.
Luther King	Negro tenor.
Bidu Sayao	Metropolitan Opera soprano.
Robert Frost	Poet

Courses of Instruction

AGRONOMY

Professors Martin, Harrison, Stewart, Ivins, Shaw; Assistant Professor Johanson

Students interested in the range management phase of forestry are advised to take the following courses:

Botany 1, 3, 60, 70, 80; Agronomy 21, 23, 41, 57, 73; Animal Husbandry 4, 5; Horticulture 3, 40; Landscape Architecture 20; Zoology 11, 30, 57; Surveying 1.

Lower Division Courses

21. **General Crops.** Spring, M. W. F. 10:30. Three hours credit. Shaw.

This course will deal with the fundamental principles underlying the production of crops. Selection, grading, judging and methods of protection will be studied.

22. **General Crops Laboratory.** Spring. M. W. 3:30-5:30 two hours credit. Shaw.

Designed to accompany 21 as a laboratory course.

23. **Forage Crops.** Autumn. T. Th. 9:30. Lab. T. 1:30-4:30. Three hours credit. Harrison. (Offered in alternate years. Not given this year.)

Native and cultivated grasses and other plants useful as forage are treated from the standpoint of their systematic classification, ecology, distribution, and relative value. Prerequisite: Botany 3.

40. **Weeds.** Autumn. T. Th., 2:30. Three hours credit. Shaw. (See Horticulture 40.)

41. **Soil Physics (General Soils).** Winter M. W. F. 8:30. Lab. T. 9:30. Three or four hours credit. Martin.

A review of the physical, chemical and microbiological phase of soil study with emphasis on soil physics.

Upper Division Courses

50. **Advanced Cereal Crops.** Winter M. W. 1:30. Two or three hours credit. Shaw. (Offered in alternate years. Given this year.)

A technical course largely based on morphology and physiology of the grasses.

51. **Origin and History of Cultivated Plants.** Winter. T. Th. 8:30. Two hours credit. Smeath. (See Horticulture 51.) (Offered in alternate years. Given this year.)

52. **Soil Chemistry.** Winter. M. W. F. 3:30. Three hours credit. Nicholes. (See Chemistry 54.)

This course deals with the chemistry problem as applied to soils. A study is made of the chemical analyses of soils, soil alkali, soil acidity and base exchange, and certain rarer elements on the chemical characteristics and changes in the soils. Studies are also made on the role which the rarer elements play in plant nutrition.

53. **Soil Chemical Analysis.** Autumn. T. Th. 8:30-11:30. Two hours credit. Martin, Johanson.

A laboratory course designed to supplement the lecture courses in Soil Chemistry and Soil Fertility. Complete quantitative anlyses are made of soils, fertilizers, and organic matter. Written reports and discussions of the chemistry involved will be parts of the work.

54. **Conservation and Land Utilization.** Spring. Three hours credit. (See Geography 54.)

55. **Soil Fertility.** Autumn. M. W. F. 8:30. Three hours credit. Martin.

This course involves a study of the underlying principles of soil fertility. Soil alkali, soil chemical analysis, commercial fertilizers, farm manures, green manures, crop rotations are among the topics studied. (Offered in alternate years. Given this year.)

57. **Soil Classification and Survey.** Spring. M. W. F. 8:30. Three or four hours credit. Martin. (Lab. W., 2:30-4:30.) (See Geology 57.)

A study is made of the influence of geologic forces and climatic environment on soil development, classification of soils based upon soil profile characteristics, and methods of soil survey. Prerequisites: Agronomy 41, Geology 2, Surveying 1.

59. **Plant Genetics.** Winter. M. W. F.,. 9:30. Three hours credit. Smeath. (See Horticulture 59.)

60. **Farm Management.** Winter. M. W. F., 1:30. Three hours credit. Ivins. (See Animal Husbandry 60.)

This course takes up the general consideration of farm management; types of farming, farm layout, farm capital, equipment, labor, tenancy, etc.

73. **Range Management.** Three hours credit. Autumn. M. W. F., 10:30. Stewart and Shaw.

The management of Range Land will be studied with respect to soil erosion, flood, watershed, forage and timber production and livestock grazing.

75. **Geography of Agriculture.** Three to six hours of credit in proportion to amount of work done. Stewart and Martin.

A course dealing with the location and nature of agricultural development, including grazing, as determined by climate, topography, soil, water supply, transportation, markets and other geographic influences.

91. **Conservation of Plant and Soil Resources.** Four hours credit. Stewart. Time to be arranged. Extra credit for additional work may be obtained.

This course consists of a study of the conservation problems related to water, soil, range, and forest and their influence on farm and community stabilization.

92. **Soil Microbiology.** Autumn. M. W. F. 8:30 Three hours credit. Martin. (Offered in alternate years. Not given this year.)

A lecture course designed to acquaint the student with bacteria in relation to soil fertility. Prerequisites: Bacteriology 21, and Agronomy 41, 52, 55.

93. **Soil Microbiology.** Autumn. T. Th. 8:30-11:30. Two hours credit. Martin. (Offered in alternate years. Not given this year.)

A laboratory course to accompany course 92. It will consist of a study of methods used in bacteriological investigation. Prerequisites: Bacteriology 22, and Chemistry 10, 11, and Agronomy 53.

95. **Molds and Actinomycetes of the Soil.** (See Bacteriology 95.)

96. **Seminar.** Autumn, Winter or Spring. W., 4:30. One hour credit. Martin.

Current agronomic literature, agricultural problems. Assigned topics will be considered in the form of a round table discussion. Required of all seniors and graduate students majoring in agronomy

97. **Research.** Seniors specializing in agronomy may elect research work from three to six hours. Time and credit to be arranged. Martin, Johanson and Stewart.

98. **Special Problems.** Spring. Credit and subject matter to be arranged. Martin, Shaw, Johanson and Stewart.

Algae and fungi activities in soil, physical chemical, and biological properties of soils. Range and field crop studies are among the problems considered in the course. Type of problem selected is based upon the previous preparation of the student.

99. **Agricultural Literature.** A study of agronomic literature. Special problems and written reports. Time and credit to be arranged. Martin and Stewart.

Graduate Course

123. **Advanced Range Management.** Time and credit to be arranged. Stewart.

154. **Conservation and Land Utilization.** Spring. Three hours credit. Coffman.

157. **Soil Classification.** Spring. Three hours credit. Martin.

175. **Geography of Agriculture.** Time and credit to be arranged.

191. **Conservation of Plant and Soil Resources.** Four hours credit. Stewart.

192. **Soil Microbiology.** Autumn. Three hours credit. Martin.

193. **Soil Microbiology Laboratory.** Autumn. Two hours credit Martin.

195. **Molds and Actinomycetes of the Soil.** (See Bacteriology 195.)

196. **Seminar.** Credit to be arranged.

197. **Research.** Time and credit to be arranged.

198. **Special Problems in Soils.** Time and credit to be arranged.

199. **Agricultural Literature.** Time and credit to be arranged.

200. **Thesis.** Credit to be arranged.

ANIMAL HUSBANDRY

Professor Ivins; Dr. Cullimore, Assistant Professor Johanson

Lower Division Courses

1, **Elementary Stock Judging.** Autumn. M. W. F., 1:30-4:30. Three periods of three hours a week. Three hours credit. Ivins. (Not given this year.)

This course consists of a study of the market types and classes of live stock. Field trips will be made to farms of the country where practice in scoring and judging of animals will be done.

2. **History of Breeds.** Spring. Daily, 9:30. Five hours credit. Ivins.

All breeds of live stock will be studied. Emphasis will be directed to the condition under which the breeds were formed, the men who did the work, and the adaptability of the breeds to western conditions.

4. **Beef Cattle Husbandry.** Autumn. T. Th., 9:30. Two hours credit. Ivins.

This course is a consideration of the types and breeds, feeds, care and management of beef cattle for western conditions. The student will be made familiar with beef animals by frequent field trips.

5. **Sheep Husbandry.** Winter. T. Th., 9:30. Two hours credit. Ivins.

   Types and breeds of sheep will be reviewed followed by study of the management, care and feeding of sheep, both on the range and on the farm.

6. **Swine Husbandry.** Winter. T. Th., 1:30. Two hours credit. Ivins.

   Types, breeds and management of swine and their place on western farms. Emphasis will be put on their relation to dairy farming.

7. **Feeding of Farm Animals.** Spring. M. W. F., 10:30. Three hours credit. Ivins.

   A study of the chemical composition of feeds, the needs of the animal body, the compounding of rations and methods of practice in feeding.

8. **General Poultry.** Winter. M. W. F., 9:30. Three hours credit. Ivins.

   A study of breeds, judging, breeding, incubating, brooding, housing, feeding and marketing.

9. **Diseases of Farm Animals.** Autumn. M. W. F., 1:30. Three hours credit. Ivins.

   A study of the anatomy of farm animals, of the common diseases of horses, cattle, sheep, hogs, and poultry; their causes, prevention, and treatment.

21. **Elements of Dairying.** Autumn. M. W. F., 8:30. Three hours credit. Ivins.

    A general survey of dairying and its relation to Utah agriculture; the secretion, composition and properties of milk; the conditions that affect quantity and quality of milk; use of milk as human food.

Upper Division Courses

50. **Horse Husbandry.** Spring. T. Th., 1:30. Two hours credit. Ivins.

    A brief study of breeds of horses. Discussion of problems of feeding and management, with special emphasis on care and training of the American Saddle horse.

51. **Animal Breeding.** Autumn. M. W. F., 10:30. Three hours credit. Ivins.

    Principles, practices, and methods involved in the breeding and development of domesticated animals. Mendelism in animals, transmission, heredity, value of pedigree, systems of breeding, etc.

59. **Types and Breeds of Poultry.** Autumn. T. Th., 1:30. Two hours credit. Ivins.

A study of the popular breeds of domestic fowls, their origin, classification, methods of mating and breeding. Designed especially for students planning to engage in Smith-Hughes and club work.

60. **Farm Management.** Winter. M. W. F., 1:30. Three hours credit. Ivins.

This course takes up the general consideration of farm management, with special attention to livestock on the farm.

61. **Experimental Animal Nutrition.** Open to seniors and graduates only. Prerequisites: 5 hours in organic or bio-chemistry, and Animal Husbandry 7. This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged. Johanson. (See Zoology 61.)

65. **Animal Physiology.** Autumn. M. W. F. Laboratory, T. 1:30-4:30. Five hours credit. Hayward. (See Zoology 65-66.)

81. **Milk and Milk Products.** Winter. M. W. F., 10:30. Three hours credit. Ivins.

A course dealing with the properties, composition, and constituents of milk, the manufacture and marketing of milk products. Prerequisites: Animal Husbandry 21 and one year of bacteriology.

91. **Dairy Survey.** Winter. Time to be arranged. One hour a week. One hour credit. Ivins.

A study of current literature and experiments in dairy work. Each student will be expected to make reports on various subjects in this field which will be discussed by the class.

92. **Seminar.** Spring. Time to be arranged. One period a week. Ivins.

Current literature and problems in the field of Animal Husbandry will be studied and discussed. Required of all seniors who major in Animal Husbandry.

Graduate Course

110. **Research in Nutrition.** Time and credit to be arranged. Ivins and Johanson.

Open to graduates only, major or minor. Designed for students in Animal Husbandry and Home Economics who desire to get acquainted with the problems of nutrition.

ART

Professors Larsen, Snell; Assistant Professor Jenson; Miss Birrell; Mr. Taylor.

Students majoring in Art are required to take courses 7, 8, 9, 11, 12, 13, 14, 15, 16, 21, 24, 25, 26, 27, 28, 29, 38, 39, 40, 52, 53, 71, 84, 85.

For students who are preparing to teach Art the department recommends at least six additional hours of upper division work to be selected under the direction of the head of the department.

Lower Division Courses

7. **Graphic Representation.** Autumn. M. W. F., 2:30. Two hours credit. Larsen.

   Freehand drawing in various media. Perspective emphasized.

8. **Graphic Representation.** Winter. M. W. F., 2:30. Two hours credit. Larsen

   Life drawing.

9. **Graphic Representation.** Spring. M. W. F., 2:30. Two hours credit. Larsen.

   Freehand drawing. Composition in various media.

11. **Water Color Painting.** Autumn. T. Th., 10:30. Two hours credit. Birrell.

    Survey and application of the various techniques of water color painting.

12. **Water Color Painting.** Winter. T. Th., 10:30. Two hours credit. Birrell.

    Emphasis on mass, line, value, and texture as related to still life composition.

13. **Water Color Painting.** Spring. T. Th. 10:30. Two hours credit. Birrell.

    Emphasis on color as related to outdoor sketching. A study and application of color theories and harmonies.

14, 15, 16. **Commercial Art.** Autumn, Winter, Spring. T. Th. 1:30. One or two hours credit each quarter. Jenson. (Se Marketing 14, 15, 16.)

All three courses given each quarter. 14, Pen rendering; 15, Brush rendering; 16, The Layout.

21. **Theory and Practice of Design.** Autumn. M. W. F., 1:30. Two hours credit. Larsen. (See Drawing 1.)

Study of the fundamental principles of art affecting the use of form, color, and texture in structural forms and decoration. Foundation course in Art Appreciation.

24. **Metal Craft.** Autumn. T. Th., 3:30-5:30. One hour credit. Birrell, Snell. Alternate years (even years.)

Copper work. Jewelry.

25. **Batik and Textile Design.** Winter. T. Th., 3:30-5:30. Two hours credit. Birrell.

Wood block, linoleum block, weaving stencil, textile painting and Batik used as a basis for creative design. The history of design is considered.

26. **Crafts.** Spring. T. Th., 2:30. One hour credit. Birrell.

Leather, wood, raffia and reed used as basis for creative design.

27. **Pottery, Clay Modeling, Plaster Casting.** Autumn. T. Th., 3:30-5:30. One hour credit. Birrell. Alternate years — (Uneven.)

Pottery and Modeling in clay. The figure in plastic-design.

28. **Home Planning and Civic Art.** Winter. M. W. F., 1:30. Two hours credit. Larsen.

Study of common types of American Homes. Art problems in connection with home planning, and community planning.

29. **Interior Decoration.** Spring. M. W. F., 1:30. Two hours credit. Larsen.

The study of art principles as applied to the decoration and furnishing of the home.

38. **Oil Painting.** Autumn. M. W. F., 3:30-5:30. Two hours credit. Larsen.

An introduction to the use of oil colors as a medium of expression.

39. **Still Life and Figure Painting.** Winter. M. W. F., 3:30-5:30. Two hours credit. Larsen.

Oil medium emphasized.

40. **Outdoor Sketching.** Spring. M. W. F., 3:30-5:30. Two hours credit. Larsen.

The landscape emphasized.

41, 42, 43. Art for Elementary School Teachers. Autumn, Winter, Spring, M. W. F., 3:30. One to three hours credit each quarter. Jenson.

Simple drawing and painting with various media. Methods of teaching and integrating art with the other subjects will be stressed.

Upper Division Courses

52. Art History and Appreciation. Winter. T. Th., 1:30. Two hours credit. Birrell.

Prehistoric structure, graphic art and decoration. Interpretation and classification of masterpieces of architecture, sculpture, graphic arts, ornament and painting to the end of the middle ages.

53. Art History and Appreciation. Spring. T. Th., 1:30. Two hours credit. Birrell.

Renaissance architecture, sculpture, graphic arts, ornament and painting. Emphasis upon schools of painting beginning with the Primitive Florentine down to those of the nineteenth century. Illustrated lectures.

57, 58, 59. Interpretative Drawing. Autumn, Winter, Spring. M. W. F., 2:30. Two hours credit. Larsen.

Figure and nature compositions in various media. Elementary illustration. Prerequisites: Art 7, 8, 9.

61, 62, 63. Commercial Art. Autumn, Winter, Spring. T. Th., 1:30. Two to four hours credit each quarter. Jenson.

Poster designing and lettering. Systems of lettering. Sign writing introduced. Historical alphabets. Prerequisites: Art 14, 15, 16.

64. Water Color Painting. Autumn. M. W. F., 3:30-5:30. Two to four hours credit. Larsen.

Landscape and still-life composition. Prerequisites: 7, 8, 9, 11, 12, 13.

65. Water Color Painting. Winter. M. W. F., 3:30-5:30. Two to four hours credit. Larsen.

Still life and figure composition. Prerequisites: 7, 8, 9, 11, 12, 13.

66. Water Color Painting. Spring. M. W. F., 3:30-5:30. Two to four hours credit. Larsen.

Outdoor sketching. Prerequisites: 7, 8, 9, 11, 12, 13.

67. **Oil Painting.** Autumn. M. W. F., 3:30-5:30. Two to four hours credit. Larsen.

Emphasis upon landscape composition. Prerequisites: Art, 7, 8, 9, 38.

68. **Oil Painting.** Winter. M. W. F., 3:30-5:30. Two to four hours credit. Larsen.

Painting from still life and the costumed model. Prerequisites: Art 7, 8, 9, 38.

69. **Oil Painting.** Spring. M. W. F., 3:30-5:30. Two to four hours credit. Larsen.

Outdoor sketching and landscape composition. Prerequisites: Art 7, 8, 9, 38.

70. **Studio Art.** Autumn, Winter, Spring. Time to be arranged. One to four hours credit each quarter. Larsen.

Advanced drawing and painting from life, the costumed model or still life.

71. **Advanced Design.** Autumn. T. Th., 9:30. Two hours credit. Birrell.

Spacial relationships stressed as applicable to commercial, industrial, and modern design. Prerequisite: Art 21.

72. **Mural Design.** Winter. T. Th., 9:30. Two hours credit. Birrell.

The figure in design based in spacial, mural treatment. Prerequisite: Art 8, 21, 71.

73. **Plastic Design.** Spring. T. Th., 9:30. Two hours credit. Birrell.

The figure and other design motifs in plastic media — wood, clay, plaster. Prerequisite: Art 8, 21, 71, 72.

74. **Metal Craft.** Autumn. T. Th., 2:30. One or two hours credit. Alternate years. Birrell, Snell.

Advanced work in copper and jewelry.

75. **Textile Design.** Winter. T. Th., 3:30-5:30. One or two hours credit. Birrell.

Advanced work in Textile Design.

76. **Crafts.** Spring. T. Th., 2:30. One or two hours credit. Birrell.

Advanced work in the various crafts' media.

77. **Modeling and Casting.** Autumn. T. Th., 2:30-4:30. One or two hours credit. Birrell.

Advanced work in Modeling and Casting.

78, 79. Home Planning and Interior Decoration. Winter and Spring. M. W. F., 1:30. Two hours credit each quarter. Larsen.

84. Contemporary Art. Winter. T. Th., 8:30. Two hours credit. Larsen.

A study of the rise and progress of contemporary art in Europe and America. Beginning with the 19th Century.

85. American Art. Spring. T. Th., 8:30. Two hours credit. Larsen.

A study of the crafts, sculpture, painting, architecture and the industrial arts in America.

91, 92, 93. Interior Decoration. Autumn, Winter, Spring. T. Th. 9:30. Two hours credit each quarter. Taylor.

History of Interior Decoration. Emphasis on period furnishings. A practical study of the manufacture, design, installation and care of all mediums and materials used in interior decoration and home furnishings. Practical problems in interior decoration. Prerequisites: Art 21, 28, 29. (See Household Administration 52, 53, 54.)

Graduate Courses

101. Composition. Autumn. T. Th., 8:30. Two hours credit. Larsen.

A study of the means employed by artists to achieve beauty.

114, 115, 116. Commercial Art. Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Jensen.

121, 122, 123. Advanced Design. Autumn, Winter, Spring. T. Th., 9:30. Two to four hours credit. Birrell.

Research and application following the quarter pattern of 71, 72, 73.

134. Contemporary Art. Winter. T. Th., 8:30. Two hours credit. Larsen.

Impressionism and Modernist experiments in Europe and America.

135. American Art. Spring. T. Th., 8:30. Two hours credit. Larsen.

Contemporary American Artists and their work.

157, 158, 159. Interpretative Drawing and Painting. Autumn, Winter, Spring. 2:30. M. W. F. Two hours credit. Larsen.

Composition study in various media.

164, 165, 166. **Water Color Painting.** Autumn, Winter, Spring. M. W. F., 3:30-5:30. Two to four hours credit each term. Larsen.

Development of individual expression.

167, 168, 169. **Pictorial Composition.** Autumn, Winter, Spring. M. W. F., 3:30-5:30. Two to five hours credit. Larsen.

170. **Painting.** Autumn, Winter, Spring. Time to be arranged. One to five hours credit. Larsen.

Drawing and painting from life.

191, 192, 193. **Interior Decoration.** Autumn, Winter, Spring. T. Th., 9:30. Taylor

200. **Research.** Autumn, Winter, Spring. T. 9:30. Credit to be arranged.

BACTERIOLOGY

Professor Martin; Assistant Professors Snow, Bryner; Johanson

21. **General Bacteriology.** Autumn, Winter, and Spring. M. W. F. Three hours credit.

Sec. 1. 8:30. Autumn, Winter and Spring.

Sec. II. 9:30, Martin. Autumn, Winter.

Sec. III. 10:30, Snow. Autumn, Winter, and Spring.

22. **General Bacteriology Laboratory.** Autumn, Winter or Spring.

Sec. 1, M. W. Sec. 2 T. Th., 1:30-4:30. Two hours credit. Martin, Snow.

Laboratory course in general bacteriology, designed to accompany Bacteriology 21.

Upper Division Courses

61. **Experimental Animal Studies.** Winter. T. Th. S., 9:30. Three or five hours credit. Johanson.

A course designed to acquaint students with the methods employed in small animal experimentation. Proteins, mineral and vitamin requirements in diet are studied together with the influence of diet on the ability of animals to resist disease after bacterial inoculations. Prerequisites: Bacteriology 21-22, Chemistry 10, 11 and 71.

62. **Bacteriology of Milk.** Spring. M., 9:30 and one other lecture period. Laboratory T. Th., 8:30-11:30. Four hours credit. Martin. (Offered in alternate years. Not given this year.)

Attention is given to the bacteria of milk and milk products in general, and also their relation to disease. Presequisites: Bacteriology 21 and 22, and Animal Husbandry 21.

70. **Bacteriology of Foods and Water.** Spring. M. W. F., 10:30. Two hours credit. Martin. (Offered in alternate years. Not given this year.)

A study of bacteria which infect foods and water. The laboratory work consists of analyses of food and water.

71. Bacteriology of Fermentation. Winter. M. W. F., 10:30, and one laboratory period. Four hours credit. Bryner.

A study of the industrial applications of bacteria, including yeast, lactic, butyl isotonic, citric acid and other fermentations. Prerequisites: Bacteriology 21 and 22, and Chemistry 71.

81. Medical Bacteriology. Spring. M. W. F., 9:30. Three hours credit. Martin.

An advanced course in bacteriology designed for those desiring information about human diseases and who are preparing for the professions of nursing, public health, dietetics and medicine.

82. Medical Bacteriology Laboratory. Spring. T. Th., 8:30-11:30. Two hours credit. Martin.

Designed to accompany Bacteriology 81.

92. Soil Microbiology. Autumn. M. W. F., 8:30. Three hours credit. Martin.

A lecture course designed to acquaint the student with microorganisms in relation to soil fertility. Prerequisites: Bacteriology 21 and Agronomy 41, 52.

93. Soil Microbiology Laboratory. Autumn. T. Th., 8:30-11.30. Two hours credit. Martin.

A laboratory course to accompany Bacteriology 92.

It will consist of a study of methods used in bacteriological investigation. Prerequisites. Bacteriology 21, 22, and Chemistry 10, 11.

95. Molds and Actinomycetes of the Soil.. M. W. F., 10:30. Two hours credit. Martin.

A course designed to acquaint the student with the types of molds and actimomycetes which inhabit the soil. Botany 50 and 51 advised before taking this course.

96. Seminar. One hour credit each quarter. W., 4:30. Martin, Snow.

98. Special Problems in Bacteriology. Spring. Credit and subject matter to be arranged. Martin, Snow.

Problems having to do with determinative bacteriology, algae and fungi activities in soil fermentation, disinfection and antiseptic studies, organisms which infect the nose and throat, food and fomite studies will constitute the burden of the course. Types of problem selected will be based upon the previous preparation of the student.

Graduate Courses

171. Bacteriology of Fermentation.
181. Pathogenic Bacteriology.
182. Pathogenic Bacteriology Laboratory.
192. Soil Microbiology.
193. Soil Microbiology Laboratory.
195. Molds and Actinomycetes.
196. Seminar.
197. Research.
198. Special Problems.
200. Thesis. Credit to be arranged.

BOTANY

Professors Harrison, Stewart; Assistant Professor Snow.

Students majoring in Botany should present credit in Botany 1, 3, 21, 50, 51, 52, 54, 60, 70, 80, 83, 95.

Students who desire to teach biology in high school may select a major in either the Botany or Zoology department. The following courses should be completed as a minimum: Botany 1, 2, 3, 5 and 60. Bacteriology 21. Zoology 11, 18, 30, 57, or 59, 65, and 66.

Students interested in range management should take the following courses: Botany 1, 3, 60, 70, 80, and 83. Agronomy 21, 23, 41, 57, 73. Animal Husbandry 4 and 5. Horticulture and Landscape Architecture 3, 20, 40. Zoology 11, 57. Entomology 30, Engineering 1.

Lower Division Courses

1. **General Botany.** Autumn, Winter, Sec. 1, T. Th., 8:30; Sec. 2, 9:30. Spring, T. Th., 9:30. Laboratory, Sec. 1, T. Th., 1:30 to 3:30; Sec. 2, 3:30 to 5:30; Sec. 3, W. F., 3:30 to 5:30. Four hours credit. Harrison and Snow.

   A course dealing with the fundamentals of the structure, physiology and reproduction of plants. Prerequisite course to further work in the field of plant life. Also recommended for the non-science student.

2. **General Botany.** Winter, T. Th., 10:30. (Lab. F. 1:30 to 4:30.) Three hours credit. Snow.

   An introduction to members of the plant kingdom exclusive of seed-plants. The habitat, structure, and life-history of members of a representative series of algae, fungi, mosses, and ferns are considered.

3. **Classification of Plants.** Spring. T. Th., 10:30. Laboratory M. W., 1:30-3:30. Four hours credit. Harrison.

The classification of seed plants and ferns of the Wasatch region to acquire a familiarity with the general principles of systematic botany, to learn the distinctive characteristics of the larger groups of plants, and to develop skill in the use of manuals.

5. **Field Biology for Teachers.** Spring. T. Th., 7:30-9:30. Two hours credit. Harrison and Snow.

A course in general nature study, designed especially for the teachers of elementary and secondary grades, in which they will become acquainted with the common names of the common trees, shrubs, flowers, and birds of this region.

21. **Anatomy.** Autumn. M. W. F., 1:30 to 3:30. Three hours credit. Harrison.

An introductory course in the origin, development, and maturation of the structures of vascular plants. Prerequisite: Botany 1.

25. **Plant Histology.** Winter. Time to be arranged. Three hours credit. Harrison.

A laboratory course in the technique of preparing, cutting, staining, and mounting tissues for miscroscopic examination. Prerequisite: Botany 1.

Upper Division Courses

50. **Morphology of Algae.** Autumn. M. W. F., 8:30-10:30. Three hours credit. Snow.

A study of the morphology, life histories, classification and relation of the main groups of algae. Prerequisite: Botany 1.

51. **Morphology of Fungi.** Autumn. T. Th., 8:30. (Lab. W. F. 3:30 to 5:30.) Three hours credit. Harrison.

A study of the development, morphology, and relationships of representative fungi. Prerequisite: Botany 1. (Not given this year.)

52. **Morphology of Bryophytes, and Pteridophytes.** Winter. M. W. F., 8:30-10:30. Three hours credit. Snow.

A study of the morphology, life histories, and relationships of the liverworts, mosses and ferns. Prerequisites: Botany 1, 21.

54. **Morphology of Spermatophytes.** Spring. M. W. F., 8:30-10:30. Three hours credit. Harrison.

A study of the morphology, life histories, classifications and relationships of the higher plants. Prerequisites: Botany 1, 21.

60. **Plant Physiology.** Winter. M. W. F, 8:30. (Lab. M. W., 1:30 to 4:30.) Five hours credit. Harrison

A lecture and laboratory course in physiology of plants, covering such topics as absorption, transpiration, synthesis of carbohydrates, digestion and growth. Prerequisites: Botany 1. Chemistry 4 or its equivalent recommended.

70. **Plant Pathology.** Autumn. M. W. F., 10:30; (Lab. T. Th., 1:30-3:30.) Five hours credit. Harrison.

This course deals with the important diseases of local plants, their identification, cause and methods of control. Prerequisite: Botany 1, 51.

80. **Plant Ecology.** Autumn. T. Th., 10:30. Field trip or laboratory period on alternating Saturdays. Four hours credit. Harrison.

The plant in relation to its environment and its adaptation to the factors of soil and climate; plant communities and succession of various types of vegetation. Prerequisite: Botany 1, 3.

83. **Field Ecology.** Spring. M., 4:30, and field trip extending over several days. Two hours credit. Harrison.

The ecology of various types of desert vegetation and the field methods of making vegetation surveys and charting them on base maps.

86. **Experimental Ecology.** Spring. T. Th., 10:30. (Lab. Th., 1:30 to 4:30.) Three hours credit. Harrison.

A course dealing with the behavior of plants under measured and controlled environmental conditions. Prerequisites: Botany 60, 80. (Not given this year.)

88. **Conservation of Natural Resources.** Time to be arranged. 3-5 hours credit. Stewart.

The need for, and the means of providing conservation of forests, shrubs, range forage, and other plant cover as they affect land-use management. The inter-relations of vegetation on water supplies and uses, on soil preservation, on live stock and wild life management, and on recreation are considered. Conservation of coal, minerals, and oil.

92. **Soil Microbiology.** (See Agronomy 92.)

93. **Soil Microbiology Laboratory.** (See Agronomy 93.)

95, 96. **Seminar.** Autumn, Winter. M., 4:30. One hour credit each quarter. Harrison, Snow.

Required of all majors in their junior and senior years.

97. **Special Problems in Botany.** Credit, one to five hours. Time and credit to be arranged. Harrison, Snow.

Graduate Courses

153. **Advanced Special Morphology.** Time and credit to be arranged.

Critical studies in the morphology of special groups.

170. **Plant Pathology.**

183. **Field Ecology.** Time and credit to be arranged.

186. **Experimental Ecology.** (Not given this year.)

189. **Range and Forest Ecology.** Autumn, Spring or Summer. One to four hours credit. Stewart and Martin.

Distribution of desert, and mountain plants as influenced by the climate and soil environments. Graduate students may be admitted by application for thesis problem in field.

192. **Soil Microbiology.**

193. **Soil Microbiology Laboratory.**

195, 196. **Seminar.**

197. **Special Problems in Botany.**

200. **Research.** Any quarter. Four to six hours credit. Harrison Snow.

Independent research on a thesis problem and the writing of the thesis.

CHEMISTRY

Professor Maw; Associate Professor Nicholes; Assistant Professors Bryner, Peterson, Johanson, Mr. Wing

Students majoring in chemistry should satisfy the American Chemical Society minimum requirements for the bachelor's degree. These requirements are Chemistry 4, 5, 6; 10, 11, 62; 51, 52, 53; 71, 72, 73; 81, 82, 83, and 90, 91, 92; Mathematics 11, 12, 13; 50, 51, 52; Physics 41, 42, 43; German or French 24 hours.

For a teaching major in chemistry the following courses are suggested: Chemistry 4, 5, 6; 10, 11, 22, 51, 52, 53, 57.

Requirements for Premedical students, majoring in chemistry are: 4, 5, 6, 10, 11, 71, 72, 73.

Lower Division Courses

1. **A Survey Course in Chemistry.** Repeated each quarter. Daily 10:30. Four hours credit. Peterson.

For students who desire a knowledge of chemistry for its cultural value. Note: Students who have had high school chemistry should register for Chemistry 4.

4. **General Chemistry.** Autumn and Winter. Five hours credit. Nicholes and Peterson.

Autumn: Sec. 1, Daily, 8:30; Sec. 2, Daily 2:30; Sec. 3, Daily, 9:30. Lab. Sec. 1 and 2, T. Th. 9:30-11:30; 12:30-2:30; 3:30-5:30. M. W. 12:30-2:30; 1:30-3:30. Lab. Sec. 3, T. Th., 1:30-3:30.

Winter: Sec. 1. Daily 3:30. Lab. T. Th., 1:30-3:30.

A course in fundamental principles of chemistry. Prerequisite: High School Chemistry.

5. **General Chemistry.** Winter and Spring. Five hours credit. Nicholes and Peterson.

Winter: Sec. 1, Daily 8:30 and Sec. 2, Daily 2:30. Lab. Sec. 1 and 2, T. Th., 9:30-11:30; 12:30-2:30; 3:30-5:30. M. W., 12:30-2:30; 1:30-3:30. Nicholes.

Spring: Sec. 3, Daily 3:30. Lab. T., Th., 1:30-3:30. Peterson. A continuation of chemistry 4.

6. **Qualitative Analysis.** Autumn and Spring. Five hours credit. Nicholes and Wing.

Autumn: Daily, 8:30. Wing.

Spring: Sec. 1, Daily, 8:30. Nicholes. Sec. 2. Daily, 9:30. Wing. Sec. 3. Daily, 2:30. Nicholes.

A course in inorganic qualitative analysis, principles and laboratory practice.

10, 11. **Elementary Quantitative Analysis.** Autumn and Winter or Winter and Spring. One lecture, one quiz section. Course 10: Autumn, M. W., 2:30. Winter W. F., 2:30. Course 11: Winter, M. W., 2:30. Spring, W. F., 2:30. Two laboratory periods: M. W., 3:30-5:30. T. Th., 3:30-5:30. Three hours credit each quarter. Wing.

21. **Introductory Inorganic Chemistry.** Autumn. M. W. F., 1:30. Three lectures, two recitations and two laboratory periods. Lab. Sec. 1, M. W., 3:30-5:30; Sec. 2. T. Th., 3:30-5:30. Sec. 3. T. Th., 9:30-11:30. Five hours credit. Johanson.

For students of home economics, but not for chemistry majors.

22. **Introductory Organic Chemistry.** Winter. M. W. F. 1:30. Three lectures, two recitations and two laboratory periods. Lab. Sec. 1, M. W., 3:30-5:30. Sec. 2. T. Th., 3:30-5:30. Five hours credit. Johanson.

A brief course for students of home economics. Emphasis is placed on those phases of organic chemistry which are foundational for foods and nutrition, and for elementary

23. **Introductory Biochemistry.** Spring. M. W. F., 1:30. Two three-hour laboratory periods. Five hours credit. Johanson.

An elementary course for students of home economics. Prerequisite: Chemistry 22 or equivalent.

Upper Division Courses

51, 52. **Inorganic Chemistry.** Autumn and Winter. T. Th., 8:30. Two hours credit each quarter. Peterson.

A lecture course in the principles of inorganic chemistry for students who have completed Chemistry 4, 5, and 6 or equivalent.

53. **Colloid Chemistry.** Spring. T. Th., 8:30. Two hours credit or Three hours credit with laboratory. Peterson.

Studies of the preparation, properties, and practical application of the chemistry of colloids.

54. **Soil Chemistry.** Winter. M. W. F., 3:30. Three hours credit. Nicholes.

A lecture course dealing with soil origin and plant nutrients, ionic equilibrium, buffer action, base exchange and alkalinity in the soil. Prerequisite: Chemistry 4, 5, and 6; Agronomy 41.

57. **Methods of Glass Manipulation.** Autumn, Winter, Spring. Two laboratory periods. Time to be arranged. One hour credit. Bryner.

Exercises in glass working. Demonstrations with pyrex.

62. **Quantitative Analysis.** Spring. M., 2:30. Two three-hour laboratory periods. Three hours credit. Continuation of Chemistry 11. Wing.

Includes electrolytic processes, lectures; demonstrations of special methods.

63. **Advanced Quantitative Analysis.** (See Chemistry 163.)

64. **Advanced Qualitative Analysis.** (See Chemistry 164.)

66. **Special Methods.** See Chemistry 166.

71, 72, 73. **Organic Chemistry.** Autumn, Winter, Spring. M. W. F., 10:30. Two laboratory periods, Sec. 1. T. Th., 1:30-3:30. Sec. 2. T. Th., 3:30-5:30. Five hours credit each term. Maw.

A study of carbon compounds. Laboratory experiments in the syntheses and reactions of the different classes of organic compounds. The Spring quarter completes the discussion of the Aromatic compounds and reviews the field in the form of elementary qualitative tests and analysis of Organic compounds.

74. **Qualitative Organic Analysis.** Autumn. One lecture. Two three-hour laboratory periods. Time to be arranged. Three hours credit. Johanson.

Practice in identifying pure organic compounds and simple mixtures by analysis, physical properties and the preparation of derivatives.

76. 77. **Biochemistry.** Winter, Spring. M. W. F., 9:30. Three two-hour laboratory periods. M. W. F., 3:30-5:30. Five hours credit. Johanson.

A study of the constitution and reactions of proteins, fats, carbohydrates, and other compounds of biological significance. It deals also with enzyme action, digestion, absorption, blood, metabolism, excretion, and nutrition. The laboratory work of the second quarter consists of quantitative blood and urine analysis.

79. **Zymo-Chemistry.** Winter. Lectures, M. W. F., 10:30. Laboratory time to be arranged. Four hours credit. Bryner.

Chemistry of fermentation with special reference to the production of chemicals and industrial materials from agricultural products.

Prerequisites: Chemistry 71 and Bacteriology 21.

81, 82, 83. **Physical Chemistry.** Autumn, Winter, Spring. M. W. F., 2:30. One three-hour laboratory period. T. Th., Spring; lectures M. W., 2:30. Two three-hour laboratory periods, T. Th., 1:30-4:30. Four hours credit each term. Bryner.

This course deals with properties of gases, liquids, solids, solutions, thermochemistry, reaction velocity, electrochemistry, equilibrium, and colloids. Prerequisites: Physics 43, Calculus, and Chemistry 11.

90, 91, 92. **Seminar.** Autumn, Winter, Spring. M., 4:30. One hour credit each quarter. Staff.

Open to advanced undergraduates and required of seniors.

97. **Special Problems.** Time and credit to be arranged. Registration by permission.

Graduate Courses

106. **Studies in the History of Chemistry.** Spring. W. F., 1:30 Two hours credit. Maw.

151. **Inorganic Chemistry.** Autumn. M. W. F., 10:30. Three hours credit. Nicholes.

A lecture course in advanced inorganic chemistry from the point of view of modern developments: periodic classification, coordination compounds, intermetallic compounds, the carbides, metallic carbonyls, nitrosyl compounds and organic derivatives of metals and metalloids.

152. **Inorganic Chemistry.** Spring, M. W. F., 10:30. Three hours credit. Nicholes.

Studies in Systems of Acids, Bases and Salts and the properties of inorganic solutions.

153. **Colloid Chemistry.** Spring. T. Th., 8:30. Two or three hours credit. Peterson.

Preparation, properties, and applications of the chemistry of colloids.

154. **Soil Chemistry.** Winter. M. W. F., 3:30. Three hours credit. Nicholes.

A lecture course dealing with soil origin, plant nutrients, ionic equilibrium, buffer action, base exchange and alkalinity in the soil.

162. **Quantitative Analysis.** See Chemistry 62.

163. **Advanced Quantitative Analysis.** Autumn. Two to ten hours credit. Maw and Wing.

The analysis of typical minerals, includes silicates. Written reports.

164. **Advanced Qualitative Analysis.** Autumn. One recitation. Six hours laboratory work. Time to be arranged.

Laboratory exercises include anions, cations,, complex ions, and some of the rare elements. Micro and semi-micro techniques are employed. Maw and Wing.

166. **Special Methods of Chemical Analysis.** Time to be arranged. Two hours credit. Maw and Wing.

A. Water analysis, B. Electrolytic analysis, C. Assaying. Assays of gold, silver, copper, and lead ores. D. Iron and steel analysis. E. Food analysis. F. Agricultural analysis. G. Gas and fuel analysis.

Prerequisite: Chemistry 10, 11, and 62.

167. **Micro-Chemical Analysis.** Winter and Spring. Time to be arranged. Three hours credit. Wing.

Training in the essential manipulative technique for qualitative and quantitative determinations by micro-chemical methods. Prerequisite: Consent of instructor.

171. **Qualitative Organic Analysis.** Autumn. Time to be arranged. One lecture or conference period. Two three-hour laboratory periods. Three hours credit. Maw or Johanson.

172. **Quantitative Organic Analysis.** Winter. Time to be arranged. Two three-hour laboratory periods. Two hours credit Wing.

173. **Organic Preparations.** Winter or Spring. Time to be arranged. Two or three hours credit. Maw or Johanson.

174. **Advanced Organic Chemistry.** Spring. Time to be arranged. Two hours credit. Johanson.

A lecture course in theoretical organic chemistry.

176, 177. **Biochemistry.** For description see Chem. 76 and 77. Johanson.

179. **Zymo-Chemistry.** Winter. Lectures, M. W. F., 10:30. Laboratory time to be arranged. Four hours credit. Bryner.

181, 182, 183. **Physical Chemistry.** Autumn, Winter, Spring. M. W. F., 2:30. One three-hour laboratory period. T. Th., Spring; lectures M. W., 2:30. Two three-hour laboratory periods, T. Th., 1:30-4:30. Four hours credit each term. Bryner.

For description, see Chemistry 81, 82, 83.

184. **Advanced Physical Chemistry.** Autumn. Time to be arranged. Three hours credit. Bryner.

A lecture course in the phase rule and its applications.

185. **Advanced Physical Chemistry.** Spring. Time to be arranged. Three hours credit. Bryner.

A lecture course in electrochemistry.

190, 191, 192. **Graduate Seminar.**

197. **Research. Special problems.** Time and credit to be arranged. Staff.

200. **Thesis.** Time and credit to be arranged.

COMMERCE

ACCOUNTING AND BUSINESS ADMINSTRATION

Professors Hoyt, Clark, Eyring, Poulson, Lambert; Assistant Professor Pond; Mr. Taylor,

Students majoring in this department are required to take courses 2, 35, 51, and 74.

Lower Division Courses

1. **Elementary Accounting.** Autumn and Winter. Daily. Autumn, Sec. 1., 10:30. Sec. II, 1:30; Winter, 10:30; Daily laboratory for all Sections 1:30 and 2:30, one hour of which is required each day. Five hours credit. Taylor and Pond.

An introduction to college accounting. The aim of this course is two-fold: first, a preparation for those who plan to enter business at once, and second, as a foundation course for advanced work in accounting.

2. **Elementary Accounting.** Winter and Spring. Daily Winter, 1:30, Spring 10:30. Daily laboratory for all sections 1:30 and 2:30 one hour of which is required each day. Five hours credit. Taylor and Pond. Continuation of Course 1.

12. **Psychology Applied in Business.** Spring. M. W. F.. 9:30. Three hours credit. Poulson. (See Psychology 12.)

35. **Mathematical Theory of Investment.** Winter, M. W. F., 2:30. Three hours credit. Eyring. (See Mathematics 35.)

36. **Graphical and Statistical Methods.** Spring, M. W. F., 2:30. Three hours credit. Eyring. (See Mathematics 36.)

Upper Division Courses

50, 51, 52. **Intermediate Accounting.** Autumn, Winter, Spring. M. T. W. Th., 10:30. Four hours credit each quarter. Clark.

Primarily corporation accounting with special emphasis on problems of depreciation, bases of revaluation, inventorying, etc. Open to students who have had Accounting 2, or the equivalent.

54. **Credits and Collections.** Autumn. M. W. F., 10:30. Three hours credit. Hoyt.

Principles covering the granting of credit, the control of the credit line, when and how collections are made, establishment of retail credit bureaus, contracts, installment selling plans.

55. **Principles of Risk-Bearing.** Spring. M. W. F., 8:30. Three hours credit. Boyle. (See Economics 55.)

62. **Business and Industrial Management.** Winter. M. W. F., 10:30. Three hours credit. Hoyt.

The organization and planning of business operations for the most effective control and execution.

63. **Personnel Management.** Winter. M. W. F., 10:30. Three hours credit.

Principles and technique involved in developing a modern personnel organization for protecting the welfare of employees and promoting effective labor management. Employees selection, training, promotion, and incentives are stressed.

53. **Experiments in Business Psychology.** Winter. Lecture. Th., 3:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson. (See Psychology 53.)

74. **Principles of Statistics.** Winter, 2:30, M. W. F., Spring. 8:30, M. W. F. Three hours credit. Lambert.

Introduction to statistics. This course required of all majors in Economics, Finance and Banking, Accounting and Business Administration.

75. **Business Statistics.** Winter and Spring. M. W. F., 10:30 Three hours credit each quarter. Hoyt.

Fundamental methods of statistics in business and economic applications. Estimating future business; economic forecasting; fluctuations of business.

91. **Cost Accounting.** Autumn. M. T. W. F., 9:30. Four hours credit. Hoyt.

Introduction to methods and principles of cost finding. Specialized methods of handling materials, costs, labor costs and overhead expense. Prerequsites: Accounting and Business Administration, 50, 51, and 52.

92. **Advanced Cost Accounting.** Winter. M. T. W. F., 9:30. Four hours credit. Hoyt.

Industrial accounting. Practical work in cost determination. Analysis of uniform cost accounting systems of modern industries. Prerequisite: Accounting and Business Administration 91.

93. **Income Tax Procedure.** Spring. M. W. F., 9:30. Three hours credit. Hoyt.

Federal and State income tax regulations and procedure. This course is designed to qualify the student for practical income tax work. Prerequisite: Accounting and Business Administration, 50, 51, and 52.

94. **Auditing Theory.** Autumn. M. W. F., 2:30. Three hours credit. Hoyt.

Principles and methods of public accounting work. Rules of professional responsibility and conduct. Advanced interpretation of accounts and financial statements. Prerequisites. Accounting and Business Administration, 50. 51, and 52.

95. **Auditing Practice.** Winter. M. W. F., 2:30. Three hours credit. Hoyt.

Practical work in auditing. Technique of verification of accounts and financial statements. Audit working papers.

Prerequisite: Accounting and Business Administration 94.

96. Advanced Accounting Problems. Spring. M. T. W. F., 2:30. Four hours credit. Hoyt.

C. P. A. and American Institute of Accountants problems, Prerequisites: Accounting and Business Administration 50, 51, 52. Courses recommended as preparation: Accounting and Business Administration 50, 51, 52, 92, 93, and 94; Finance and Banking 43, 44, 51 and 52.

99. Business Policy. Spring, M. W. F., 8:30. Three hours credit. Hoyt.

This course summarizes into a unified whole all the work given in the field of business administration and emphasizes the business policies involved. Open only to seniors in business, or juniors by permission of instructor.

Graduate Courses

101. Cost Accounting. (See Accounting and Business Administration 91.)

102. Advanced Cost Accounting. (See Accounting and Business Administration 92.)

103. Income Tax Procedure. (See Accounting and Business Administration 93.)

104. Auditing Theory. (See Accounting and Business Administration 94.)

105. Auditing Practice. (See Accounting and Business Administration 95.)

106. Advanced Accounting Problems. (See Accounting and Business Administration) 96.

111, 112, 113. Research in Accounting. Hours and credit to be arranged.

114, 115, 116. Research in Statistics. Hours and credit to be arranged.

181, 182, 183. Seminar in Business Psychology. One to three hours credit. (See Psychology 181, 182, 183.)

FINANCE AND BANKING

Professors Clark, Jensen, Miller, Lambert; Assistant Professor Pond.

Lower Division Courses

14. **Economic and Financial History of the United States.** Autumn and Spring. M. W. F., 1:30. Three hours credit. Miller.

The economic development of the United States through the colonial era and the period of the industrial revolution and westward movement, with emphasis upon economic integration and industrial organization.

Upper Division Courses

51, 52, **Business Finance.** Autumn, Winter M. T. W. Th., 9:30. Four hours credit each quarter. Clark.

Financial problems connected with the organization of corporations, underwriting and the sale of securities, management, expansion, and the reorganization of those that are not successful. Prerequisite: Economics 1 and 2.

53. **Money and Banking.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark. **(Not given this year.)**

A study of the principles of money and banking and the exemplifications of these principles in the monetary and banking history of the United States. Prerequisites: Economics 1 and 2.

54. **Investments.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark.

A study of the various forms and methods of investment. Prerequisite: Finance and Banking 51.

57. **Commercial Law.** Autumn. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 57.)

58. **Commercial Law.** Winter. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 58.)

59. **Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 59.)

67. **Public Finance and Taxation.** Winter. M. T. W. Th., 1:30. Four hours credit. Pond (See Economics 67.)

The science of public finance; the theory of public expenditure; public income and public debts; the preparation of the budget and financial administration.

Graduate Courses

101. **Research in Business Finance.** Winter, Spring. Two to five hours credit. Clark.

111. **Public School Finance.** Winter. Daily, 9:30. Five hours credit. Lambert.

The theory and practice of financing public education in the United States. The stress is placed upon revenue and distribution systems. A course in taxation should precede or parallel this course.

151, 152. **Business Finance.** Autumn, Winter. M. T. W. Th. 9:30. Four hours credit each quarter. Clark. (See Finance and Banking 51, 52.)

153. **Money and Banking.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark.

A study of the principles of money and banking and the exemplifications of these principles in the monetary and banking history of the United States. (See Finance and Banking 53.)

167. **Public Finance.** Winter. T. Th., 1:30. Four hours credit. Pond. (See Economics 167.)

MARKETING

Professors Hoyt, Shaw; Assistant Professors Edgar M. Jenson, Coffman; Mr. Taylor

Students majoring in this department are required to take Economics 1, and Accounting 2. It is recommended that majors take Art 14 and 15, Psychology 12, Accounting 74, and Economics 94.

Lower Division Courses

6. **Geography of Economic Products.** Autumn. Daily, 8:30. Five hours credit. See Geography 6.

14, 15, 16. **Commercial Art.** Autumn, Winter, Spring. T. Th., 1:30. One or two hours credit each quarter. Jenson. (See Art 14, 15, 16.)

32. **Marketing Fruits and Vegetables.** Winter. M. W. F., 9:30. Three hours credit. Shaw.

Upper Division Courses

51. **Economics of Consumption.** Spring. M. W. F., 8:30. Three hours credit. Taylor.

This class deals with the consumption problem as it affects the economic organism as a unit. Standards of measurement in the field of consumption are discussed. The consumer's viewpoint is taken with the object of studying proposed solutions for his individual consumption problems.

54. **Credits and Collections.** Autumn. M. W. F., 10:30. Three hours credit. Hoyt. (See Accounting and Business Administration 54.)

57. **Principles of Marketing.** Autumn. M. W. F. 8:30. Three hours credit. Hoyt. Prerequisites: Economics 1 and 2.

58. **Principles of Merchandising.** Winter. Daily, 8:30. Five hours credit. Taylor.

This course deals with the operation of the retail store, treating specifically store organization, lay-out, principles of salesmanship, and customer services. It is designed to meet the requirements of men and women who seek to familiarize themselves with procedures necessary to make a quick adjustment into the working routine of the retail store. It also precedes logically further study in the field of retailing.

59. **Advertising.** Spring. Daily, 9:30. Five hours credit. Taylor.

The part advertising plays in business. Principles of advertising, including layout, media, campaigns, etc. Psychology 12 recommended.

61. **Problems in Retail Store Control.** Spring. Daily, 8:30. Five hours credit. Taylor.

This course deals with merchandising problems as they confrqnt the management of the retail store. Principles of mark-up, inventory methods, stock control, and merchandising plans are discussed in connection with actual case problems. Field trips are planned where working control systems are given critical examination. Prerequisite: Accounting 1.

62. **Textiles.** Spring. T. Th., 10:30. Two hours credit each quarter. (See Clothing and Textiles 62.)

63. **Sales Management.** Winter. M. T. W. Th., 1:30. Four hours credit. Taylor.

A study of methods of selecting and training and paying salesmen. The technique of making market surveys and fitting a sales organization to the needs of the market most efficiently.

67. **Agricultural Marketing.** Winter. M. W. F. 8:30. Three hours credit. Hoyt.

An analysis of the problems of cooperative marketing of agricultural products, from the standpoints respectively of farmers, middlemen, and consumers. Prerequisites: Economics 1, 2.

85. **Seminar in Marketing and Merchandising.** Spring, M. W. F., 2:30. Three hours credit. Taylor. (Open only to students who have had Marketing 58, and Accounting 74.)

A seminar in current problems in marketing. Students are required to develop at least one major study of a marketing problem.

Graduate Courses

151. **Research in Economics of Consumption.**

157. **Research in Marketing.** Autumn. M. W. F., 8:30. Three hours credit. Hoyt.

158. 159, 161. **Research in Merchandising and Advertising.** Winter. Spring. Daily, 9:30. Five hours credit. Taylor.

163. **Research in Sales Management.**

167. **Research in Agricultural Marketing.** Winter. M. W. F., 8:30. Three hours credit. Hoyt.

185. **Seminar in Marketing and Merchandising.** Spring. M. W. F., 2:30. Three hours credit. Taylor.

200. **Thesis.**

OFFICE PRACTICE

Mr. Croft, Miss Waspe, Mr. Sundwall, Miss Christensen

Teaching Major. Students who desire to qualify for the teaching of shorthand and typewriting in high schools are required to complete thirty hours of work in the College of Commerce, fifteen of which must be upper division. The following courses are prescribed: Accounting 1, Economics 1, Office Practice 15, 16, 23, 24 or 54, 25 or 55, and 26.

Teaching Minor. Students minoring in Office Practice and desiring to take secondary training in shorthand and typewriting are required to complete the following courses: Accounting 1, Office Practice 15, 16, 23, 24 or 54, 25 or 55 and 26.

11. **Elementary Shorthand.** Autumn. Daily, 8:30 and 10:30. Four hours credit. Sundwall and Christensen.

An introduction and drill on first half of theory of Gregg Shorthand. Students with previous training not permitted to take this course for credit.

12. **Elementary Shorthand.** Autumn. Daily, 8:30. Winter. Daily, 8:30 and 10:30. Four hours credit. Waspe, Sundwall, and Christensen.

A completion of the theory of Gregg Shorthand. Prerequisite: Office Practice 11, or equivalent.

13. **Elementary Shorthand Dictation.** Winter. Daily, 8:30. Spring. Daily, 8:30 and 10:30. Four hours credit. Wasp, Sundwall, and Christensen.

Application of theory in dictation. Prerequisite: Office Practice 12, or equivalent.

14. **Shorthand Theory Review and Speed Building.** Autumn. Daily, 9:30 and 1:30. Spring. Daily, 8:30. Three hours credit. Sundwall and Christensen

Complete review of Gregg Shorthand theory with speed building practice intended to bring all students above the 80 words a minute level. Prerequisite: Office Practice 13, or equivalent.

15. **Shorthand Speed Building and Transcription.** Autumn, Winter. Daily, 9:30 and 1:30. Three hours credit. Sundwall and Christensen.

Speed building practice to 100 words a minute. Introduction of transcription. This course is for students who have had two years of high school training, Office Practice 14, or equivalent.

16. **Advanced Shorthand Transcription and Speed Building.** Winter, Spring. Daily, 9:30 and 1:30. Three hours credit. Sundwall and Christensen.

Study and application of transcription English. An intensive transcription practice. Advanced principles and phrases, with speed building to 120 words a minute. Prerequisite: Office Practice 15, or equivalent.

17. **Advanced Shorthand Speed Building and Reporting.** Spring. Daily, 9:30. Four hours credit. Sundwall.

Specialized vocational vocabularies and reporting shortcuts. Speed building above 120 words a minute. Prerequisite: Office Practice 16, or equivalent.

21. **Elementary Typewriting.** Autumn, Winter, Spring. Daily. Two hours credit. Croft.

Direct and Natural Typewriting. Students with previous training not permitted to take this course for credit.

22. **Elementary Typewriting.** Autumn, Winter, Spring. Daily. Two hours credit. Croft.

This course develops typing skill and provides practice in application for personal use. Prerequisite: Office Practice 21, or equivalent. (Students with more than one-half unit of high school credit not permitted to take this course for credit.)

23. **Typewriting Speed Building.** Autumn, Winter, Spring. Daily. Two hours credit. Croft.

This course provides practice in speed and accuracy. Prerequisite: Office Practice 22, or equivalent. (Students with more than one unit of high school credit not permitted to take this course for credit.)

24. **Mechanics of Business Letters and Forms.** Autumn, Winter, Spring. Daily, 9:30. Two hours credit. Croft.

Training in office typing techniques for those who desire to enter the business field. Prerequisite: Office Practice 23, or equivalent.

25. **Secretarial Training.** Winter, Spring. T. Th. 2:30 to 4:30, F. 3:30 to 4:30. Three hours credit. Waspe.

A finishing course for those who desire to qualify for stenographic and secretarial positions. Includes: Discussion of office personality problems; practice in letter writing; preparation of legal instruments, commercial forms, and telegrams; mimeograph work; telephone procedure; and filing. Prerequisite: Office Practice 16 and 24 or 54, or equivalent.

26. **Office Machines.** Autumn, Winter, Spring. M. T. W. Th., 1:30, 2:30, and 3:30. Croft.

Training in the operation of Burroughs, Comptometer, and Monroe calculators, including addition, subtraction, multiplication, and division. Practical problems are used in the practice work.

31. **Business English.** Autumn, Winter, Spring. M. W. F., 9:30 and 1:30. Three hours credit. Waspe.

A study of correct letter forms, a review in sentence structure and punctuation, practice in writing business letters and in using business forms. Prerequisite: English 3 or permission of instructor.

Upper Division Courses

52. **Advanced Shorthand Speed Building and Reporting.** Spring. Daily. 9:30. Four hours credit. Sundwall.

Same as Office Practice 17.

54. **Mechanics of Business Letters and Forms.** Autumn, Winter, Spring. Daily, 9:30. Two hours credit. Croft.

Same as Office Practice 24.

55. **Secretarial Training.** Winter, Spring. T. Th., 2:30 to 4:30, F., 3:30 to 4:30. Three hours credit. Waspe.

Same as Office Practice 25.

ECONOMICS

Professors Miller, Hoyt, Boyle; Assistant Professor Coffman, Pond; Mr. Taylor

The following courses are required for a major in Economics: Economics 1, 2, 14, 74. 94.

Lower Division Courses

1. **Economics—Introduction and Principles.** Autumn, Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30; Sec. 4, 1:30. Winter, two sections, 9:30, 1:30; Spring, one section 8:30. Daily. Five hours credit each quarter. Miller, Pond, Boyle.

   A general survey of industrial society, its structure, its institutions and operation. An historical background of the rise of modern capitalistic industry.

2. **Economics—Contemporary Economic Problems.** Winter Sec. 1, 8:30; Sec. 2, 9:30. Spring, Sec. 3, 9:30. Daily. Five hours credit each quarter. Miller, Pond.

   A more advanced study of the underlying principles of economics. Includes an intensive study of several contemporary economics problems. Prerequisite: Course 1.

14. **Economic and Financial History of the United States.** Autumn. M. W. F., 1:30; Spring. M. W. F., 1:30. Three hours credit. Miller.

   Economic development of the United States from colonial times to the present, with emphasis upon economic integration and industrial organization since the Civil War.

Upper Division Courses

51. **Economics of Consumption.** Winter. M. W. F., 10:30. Three hours credit. Taylor. (See Marketing 51.)

   A study of those forces underlying and governing consumption Prerequisites: Economics 1 and 2.

53. **Money and Banking.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark. (See Finance and Banking 53.) (Not given this year.)

55. **Principles of Risk-Bearing.** Winter. M. W. F., 8:30. Three hours credit. Boyle. (See Accounting and Business Administration 55.) (Not given this year.)

   Life, health, accident, fire, property and liability insurance, and principles of risk bearing as they apply to each classification of the insurance field. Prerequisites. Economics 1 and 2.

56 **Transportation Problems.** Spring. M. T. W. Th., 2:30 Four hours credit. Miller.

This course deals with the growth and development of railway transportation and the development of public regulation and railway legislation in the United States.

60. **Social Legislation.** Spring. M. W. F., 9:30. Three hours credit. Miller.

The state in relation to labor and social conditions. An intensive study of the legal and economic aspects of modern social security programs and reforms. Foreign experiments in the field will also be studied.

61. **Labor Problems.** Winter. M. W. F., 8:30. Three hours credit. Boyle.

This course deals with the wage system, domestic industry, the factory system, the rise and growth of labor organizations. Contemporary problems in industrial and company unions will be stressed.

67. **Public Finance and Taxation.** Winter. M. T. W. Th., 1:30. Four hours credit. Pond. (See Finance and Banking 67.)

74. **Principles of Statistics.** Winter. M. W. F., 2:30. Three hours credit each quarter. Lambert.

Introduction to statistics. This course required of all majors in Economics, Finance and Banking, Accounting and Business Administration.

75. **International Economic Policies.** Winter. M. W. F., 2:30. Three hours credit. Miller.

A survey with particular reference to the United States, of the international aspects of the economic policies and activities of governments.

76. **Social Control of Business.** Winter. M. W. F., 10:30. Three hours credit. Miller.

General survey of governmental activities affecting business. The course aims to develop an understanding of the economic basis for government regulation, and the probable limits and difficulties inherent in our existing economic system in extending such regulation. Prerequisites: Economics 1, 2.

94. Advanced Economics. Autumn. Daily, 8:30. Five hours credit. Pond.

Advanced course in economic theory with stress upon production principles and price theory. Prerequisites: Economics 1 and 2.

95. **Advanced Economics.** Winter. Daily, 8:30. Five hours credit. Pond.

Continuation of Economics 94, with stress upon price theory and principles of distribution. Prerequisite: Economics 94.

99. **History of Economic Thought.** Spring. Daily, 1:30. Five hours credit. Miller.

The development of economic thought from early times to the present. A brief survey up to about 1750, but chief emphasis will be given to Smith Ricardo, Mathus and Mill.

Graduate Courses

153. **Money and Banking.** Spring. M. T. W. Th. Four hours credit. (See Finance and Banking 153)

156. **Transportation Problems.** Spring. M. T. W. Th., 1:30. Four hours credit. Miller.

160. **Social Legislation.** Spring. M. W. F., 9:30. Three hours credit. Miller. (See Sociology 191.)

161. **Labor Problems.** Winter. M. W. F., 8:30. Three hours credit. Boyle.

167. **Public Finance.** Winter. M. T. W. Th., 1:30. Four hours credit. Pond. (See Finance and Banking 167.)

175. **International Economic Problems and Policies.** Winter. M. W. F., 2:30. Three hours credit. · Miller.

194. **Advanced Economics.** Autumn. Daily, 8:30. Five hours credit. Pond.

Advanced course in economic theory with application to present day economic problems. Prerequisites: Economics 1 and 2.

195. **Advanced Economics.** Winter. Daily, 8:30. Five hours credit. Pond.

Advanced course. Prerequisites: Economics 1, 2, and 94.

197. **Research.** Time and credit to be arranged. Staff.

199. **History of Economic Thought.** Spring. Daily, 1:30. Five hours credit. Miller.

200. **Thesis.**

AGRICULTURAL ECONOMICS

Assistant Professor Pond.

The following courses are required for a major in Agricultural Economics: Economics 1, 2, 74, and 94; Agricultural Economics 30, 60, 67, 81 and 82. Credit for Economics 74 and 94 will apply toward a major in Agricultural Economics.

Lower Division Courses

30. **Principles of Agricultural Economics.** Autumn. M. W. F., 8:30. Three hours credit. Pond. Prerequisites: Economics 1 and 2.

32. **Marketing Fruits and Vegetables.** Spring. M. W. F., 8:30. Three hours credit. Shaw. (See Horticulture 32).

Upper Division Courses

53. **Rural Sociology.** Spring. M. W. F., 10:30. Three hours credit. (See Sociology 53.)

    A survey of social conditions in the rural life of America, with special reference to those social processes which are in operation at the present time.

54. **Conservation and Land Utilization.** Spring. Three hours credit. Coffman. (See Geography 54.)

57. **Principles of Marketing.** Autumn. M. W. F., 9:30. Three hours credit. Boyle. (See Marketing 57.)

60. **Farm Management.** Winter. M. W. F., 1:30. Three hours credit. Ivins. (See Agronomy 60.)

67. **Agricultural Marketing.** Winter. M. W. F., 8:30. Three hours credit. Taylor. (See Marketing 67.)

81. **Land Economics.** Winter. M. W. F., 8:30. Three hours credit. Pond.

    Principles relating to the utilization, tenure, and conservation of land resources. Prerequisite: Agricultural Economics 30.

82. **Agricultural Finance.** Spring. M. W. F., 10:30. Three hours credit. Taylor.

    A study of agricultural credit, with special reference to existing financial organizations and their relation to agriculture. Prerequisite: Agricultural Economics 30.

91. **Western Land Problems.** Spring. M. W. F., 8:30. Three hours credit. Pond.

    A survey of the outstanding land problems of the Western States, particularly those of the Rocky Mountain division. Special Class reports by students will be required.

92. **American Agricultural Reform.** Spring. M. W. F., 8:30. Three hours credit. Pond. (Not given this year.)

    A review of the agrarian movements for economic and social reform in America, including recent and current programs for farm relief.

93. **Economic History of Agriculture.** Spring. M. W. F., 9:30. Three hours credit. Taylor. (See Agronomy 94.) (Not given this year.

The development of agriculture from its beginning in the Old World to the present time. Historical background of contemporary agricultural problems.

Graduate Courses

181. **Land Economics.** Winter. M. W. F., 8:30. Three hours credit. Pond

182. **Agricultural Finance.** Spring. M. W. F., 10:30. Three hours credit. Taylor.

191. **Western Land Problems.** Spring. M. W. F., 8:30. Three hours credit. Pond.

192. **American Agricultural Reform.** Spring. M. W. F., 8:30. Three hours credit. (Not given this year.)

200. **Thesis.**

EDUCATION

Professors A. N. Merrill, Lambert, W. H. Boyle, H. Peterson, Lloyd; Associate Professors Sudweeks, Law, R. Swensen, Woolf; Assistant Professors Dusenberry, E. M. Jenson, Hollingshead, Maeser, Kotter; Mr. Gibb, Mr. T. Peterson and Training School Faculties.

With the approval of the major professor, credit in courses in any of the educational departments may be offered to fill major requirements. General Education 50 is the required first course in all departments in the College of Education.

General Education

The courses in this division are designed for all students majoring in the other departments of the College of Education and for those who may be registered in the other colleges of the university, but who desire to qualify for a state teaching certificate. A liberal offering from this division is a prerequisite to the courses listed in the graduate division of the college.

10. **Introduction to Education.** Autumn, Winter or Spring. M. W. F. Three hours credit. Staff.

An introduction to the study of professional education, for students who wish a survey of the field of education as a possible guide in choosing teaching as a profession.

50. Principles of Education. Autumn, Winter or Spring. M. W. F., 10:30 and 2:30. Three hours credit. Sudweeks.

A required course in education for grade teachers. The principal topics covered are: the teacher, the teaching and learning process, organization and administration, recent developments in education, and philosophy of education. This course is a required first course in all departments in education.

51. Educational Psychology. Autumn, Winter or Spring. Section 1, M. W. F., 9:30; Section 2, M. W. F., 10:30. Three hours credit each quarter. Dusenberry.

This course deals with economy and technique of learning, individual differences, mental efficiency, native equipment, habit formation, emotions, and reasoning, and other applications of psychology in teaching and daily life.

52. First Course in Statistical Methods. Winter. M. W. F., 2:30. Three hours credit. Lambert.

Measures of central tendency, dispersion, and simple correlation. For students in education, psychology, biology, business, economics, and social sciences. Assumes reasonable competency in algebra. Any training in mathematics, including differential calculus will be an advantage to the student.

53. First Course in General School Organization and Administration. Autumn, Winter, M. W. F., Sec. 1, 9:30. Sec. 2, 10:30. Three hours credit. Boyle, Lambert.

Considers the general way in which state and local schools units are organized to conduct public education. Considers functions and powers of state departments, local school boards, and administrative officers. Stresses the way in which teachers adjust to the administrative system, and shows how teachers are affected by contracts, salaries, ratings, leaves, transfers, promotions, etc. Shows the opportunities for teachers to contribute to good school administration. Required of all elementary and secondary school teachers. Meets Utah state requirements for a course in school organization.

64. Achievement Testing. Autumn or Spring. M. W. F., 8:30. Three hours credit. Sudweeks.

For high school and elementary school teachers, satisfying state requirements for certification. Considers standard tests, old-type tests, and new-type tests. Training in giving tests, scoring, tabulating and interpreting results, and planning remedial measures.

74 Advanced Educational Psychology. Autumn. M. T. W., Th., 9:30. Spring. M. T. W. Th., 10:30. Four hours credit. Poulson.

A brief consideration of certain important phases of the psychology of secondary education. The laws of economical learning, individual differences, and the psychology of school subjects. Prerequisite: Psychology 11.

75. **Visual Instruction.** Winter T. Th., Two hours credit. T. Peterson.

An introductory course familiarizing the students with the general types of visual aids, and includes a study of general principles, projection equipment and new developments in visual aids.

EDUCATIONAL. ADMINISTRATION

Professor Lambert

87. **Old and New Type Examinations.** Winter. M. W. F., 8:30. Three hours credit. Sudweeks.

An essay type examination, its improvement and its uses. The new-type, uses, forms and reliability.

93. **The Organization and Administration of Public Schools.** Autumn. Daily, 8:30. Five hours credit. Lambert.

This course considers the ways in which public schools are controlled and the ways in which states, cities, counties and local districts are organized for the conduct of public education. This is a foundational course for all students in education. It is required of all students who major in the field of administration.

85. **Educational Supervision.** Spring. M. T. W. Th., 2:30. Four hours credit. Jensen.

The evaluation and the improvement of teaching. Offered for students who have foundational work in psychology, in educational psychology, in school organization, and in class-room procedure and theory.

ELEMENTARY EDUCATION

Associate Professor Law

A major in Elementary Education (30 to 45 quarter hrs.) should include General Education 50, Educational Psychology 51 or 74, General Education 53, Elem. Education 81, 82, and 84. Either Elementary Education 91 or General Education 64 as a recommended elective should also be included if possible. Other electives for the major may be selected from the various departments in education and psychology.

Majors in Elementary Education should, with the approval of the major professor, select a minor which is applicable to elementary school teaching.

A special group of 30 hours must include three hours in arts and crafts for the elementary school, (Art 41), three hours in Elementary School Music, (Theory of music 90), three hours in Speech, 3 hours in Health Education for Teachers (Zoology 58 or Phys. Educ. 58), four hours in Juvenile Literature, four hours in plays, games, and rhythms for elementary school children (Phys. Educ. 59 or 60), and a course in Library. A course in child nutrition is recommended as a part of this group for all majors in Elementary Education. Landscape Architecture 1 is also recommended for elementary teachers. The remaining work in this group is to be selected with the approval of the head of the department of Elementary Education, selection to be made with a view to strengthening and broadening the academic and cultural background needed by the teacher in the elementary school.

The group requirements for the degree of Bachelor of Science or Bachelor of Arts are listed elsewhere in the catalogue. In filling these group requirements, the student should be guided by the following: The Biological Science group should include a course in Bacteriology, Botany, or Zoology, a course in Heredity and Eugenics (Zoology 18 or its equivalent), and a course in Nature Study for Elementary Teachers (Botany 5 or Zoology 77). The Physical Science group should include a course in Earth Science and a course in Human Geography (Geog. 52 or its equivalent). The Social Science group should include courses in Sociology or Economics and in Western History (History 82 or its equivalent). The freshmen and sophomore years should be largely devoted to building up a broad and rich academic background, leaving the professional work in Education for the junior and senior years.

Candidates for the Normal diploma, based on only three years or 135 hours of college work, are expected to complete the major requirements listed above, the specific courses making up the first 21 credit hours of the thirty hour special group, and the group requirements as listed for the degree except that the total required for each group may be reduced to the following: Physical Education 3 hours, English 14 hours, Biological Science 10 hours, Physical Science 10 hours, and Social Science 10 hours.

The issuing of a three year normal diploma will be discontinued after 1941. By September 1942 a minimum of four years of college work will be required of beginning elementary teachers.

Upper Division Courses

65. **Myths of the World.** Autumn. T. Th., 7:30. Two hours credit. Dusenberry.

The major topics to be considered in this course are present and past customs, superstitions, folk lore, and mythological beliefs of the people of Egypt and India.

66. **Myths of the World.** Winter. T. Th., 7:30. Two hours credit. Dusenberry.

A continuation of 65. Topics of discussion: India and China.

67. **Myths of the World.** Spring. T. Th., 7:30. Two hours credit. Dusenberry.

A continuation of 66. Topics of discussion: Japan, Islands of Bali, Borneo, and the Philippines.

68. **Juvenile Literature.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit. Dusenberry.

Story Telling. A study from the literary and educational points of view of the best literature available for children.

69. **Juvenile Literature.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit. Dusenberry.

A study of literature to give a basis of selection, appreciation and presentation of the best and most suitable material for the elementary school.

81. **Elementary Curriculum and Methods.** Autumn. Daily. 10:30. Five hours credit. Peterson and Law.

This course deals with the curriculum and the materials of the elementary school together with methods in elementary education. It must be taken before or parallel with Elementary Education 84. Required for certification. Prerequisites: Fifteen hours of selected work in education.

82. **Elementary Curriculum and Methods.** Winter. Daily, 10:30. Five hours credit. Peterson and Law.

This is a continuation of Elementary Education 81. It should be taken parallel with Elementary Education 84. Required for certification. Prerequisite: Elementary Education 81.

83. **Elementary Curriculum and Methods.** Spring. M. W. F., 10:30. Three hours credit. Peterson and Law. Limited to seniors only.

This course is designed especially for secondary teachers who wish to get some training on the elementary school level. Secondary teachers who qualify also for elementary teaching certificates are required to complete this course. Prerequisites: Fifteen hours in education.

84. **Elementary and Kindergarten Training.** Autumn, Winter and Spring. Daily from 8:30 to 10:30 or 1:30 to 3:30. Ten hours credit. 5 hours each quarter. Law, Peterson and staff.

This is essentially a laboratory course affording opportunity for practice, teachers to apply the principles of teaching developed in Elementary Education 81 and 82. Prerequisites: Fifteen hours of selected educational work, including Education 50, and 53 and Psychology. 51 or 74 and passing of subject matter tests administered by the College of Education. Elementary Education 81 and 82 should precede or parallel this course.

Application for elementary practice teaching must be made to the head of this department at least three months prior to registering for this course. Registration is contingent upon the granting of the application by a committee in the department which has been appointed for the purpose. The facilities of the training school are limited. Only those regularly enrolled in the College of Education may be admitted to elementary practice teaching.

85. **Educational Supervision.** Winter. M. T. W. Th., 2:30. Four hours credit. Jenson.

The evaluation and the improvement of teaching. Offered for students who have foundational work in psychology, in educational psychology, in school organization, and in class-room procedure and theory.

92. **Early Childhood Education.** Spring. M. W. F., 9:30. Three hours credit. Peterson.

Problems of early elementary education will be considered. A study of the activities, subject matter and concrete materials which should form the basis of the work with young children. Class room observation required.

PHILOSOPHY OF EDUCATION

Professor Lloyd

Upper Division Courses

71. **History of Educational Thought.** Autumn. M. W. F., 10:30. Four hours credit. Lloyd.

A critical study of the contributions of the outstanding educational thinkers from the early Greeks to the present, and an evaluation of the various philosophies. Special emphasis will be given to the writings of twelve significant educators from Plato to Dewey.

72. **History of Education in America.** Winter. M. W. F., 10:30. Three hours credit. Lloyd.

The rise and development of the American educational system as it has been effected by changes in American life from the colonial period to the present times.

73. **Education in the Social Order.** Spring. M. T. W. Th., 10:30. Three hours credit. Lloyd. (Not given this year.)

The school as a social institution, with special emphasis upon its relation to social, economic, and political change. The effect of these changes upon educational practice and philosophy of education.

74. **Rural Sociology.** (See Sociology 53) .

81. **History of Philosophy.** Autumn. M. W. F., 2:30. Three hours credit. R. Swensen.

A history of the rise and development of philosophy in the Greek, Graeco-Roman, medieval, renaissance, eighteenth century, and modern periods. Stress is laid upon an appreciation of the outstanding philosophers of the various schools of thought and their relation to the intellectual trends and problems of the present.

84. **Educational Sociology.** (See Sociology 61). Swenson.

87. **Methods in Character Education.** Winter. T. W. Th. F., 1:30. Three hours credit. Lloyd.

A study of various methods and techniques in character education that are now in use in the United States and an evaluation of the educational philosophy upon which each of these rests. Special attention will be given to the newer trends in this field.

88. **Special Problems in the Development of Personality.** Winter. M. T. W. Th., 2:30. Four hours credit. Lloyd (Not given this year.)

A consideration of the problems and special interests of college students as these interests affect the development of character and personality. This course is largely devoted to the method of "creative experience" as a device for character building.

89. **Human Nature and Character.** Spring. M. W. F., 1:30. Three hours credit. Lloyd (Not given this year).

The various factors that are important to an understanding of human nature. Special stress will be given to the nature of the moral life and its dependence upon mental health and wholesome social interaction.

90. Social Ethics. Spring. M. T. W. Th., 8:30. Four hours credit. Lloyd.

This course deals with ethical theory as applied to our industrial and social problems; the breakdown of Puritan ethics; individualism, Christian ethics, International good will and world peace.

93. Philosophy of Education. Spring. M. W. F., 10:30. Three hours credit. Lloyd.

This course is designed primarily to assist senior students in the achievement of a basic philosophy of education, growing out of the intergrated experiences of university life. Special attention will be given to the American tradition in education, the qualities of an educated individual, and the role of the college graduate in the modern social order.

SECONDARY EDUCATION

Professor Merrill

81. General Secondary Methods. Autumn, Winter, and Spring. M. T. W. Th., 10:30. Four hours credit. Woolf. Educational Psychology should be taken as a prerequsite.

This course is designed to introduce students to practice teaching and should be taken therefore before practice teaching begins. Emphasis is given to general methods and procedures applicable to teaching in secondary schools. Directed observations of high school classes will be made. Students will be given experience in unit planning in their particular fields.

84. Secondary Teaching. Autumn, Winter, and Spring. Demonstration and consultation, T. Th., 3:30. Practice periods to be arranged. Eight hours credit, preferably four hours in each of two quarters. Merrill, Woolf, Boyle, Jenson, and Secondary Training School Faculty.

This is a course in practice teaching under supervision. Approximately two quarters of participation and responsible class room teaching will be required. Instruction in special methods for teaching specific subject matter will be given by the critic teacher on Tuesdays and Thursdays of each week at 3:30 in the following subjects: Art, Biology, English, Foreign language, Home Economics, Mathematics, Mechanic Arts, Music, Office Practice, Physical Education, Physical science, Social science, and Special. Prerequisites: Fifteen hours of selected educational work including general education 53 and Educational Psychology, at least three-fourths of the teaching major, and the consent of the instructor concerned with the students teaching major. Application for this course must be made at least three months prior to the date of beginning practice teaching and, preferably, not later than the end of the second quarter of the junior year. Practice teaching periods to be arranged.

87. **Old and New Type Examinations.** Winter. M. W. F. Three hours credit. Sudweeks.

An essay type examination, its improvement and uses. The new type, uses, forms and reliability.

89. **Juvenile Sociology.** Spring. T. Th., 9:30. Two hours credit. Boyle.

This course deals with the educational problems of the adolescent, as related to the home, the school, industry, the community, and his own group. (See Sociology 71.)

91. **The High School Curriculum.** Winter M. T. W. Th., 9:30. Four hours credit. Merrill.

The principles governing the organization of the high school curriculum. The evaluation of objectives of the course of study, and of the activity phase of the present high school curriculum.

94. **Educational and Vocational Guidance.** Autumn and Spring. M. T. W. Th., 9:30. Four hours credit. Merrill.

A consideration of the principles of educational and vocational guidance and early vocational experience as factors in determining the choice of an occupation; and the modification of the high school curriculum to facilitate vocational choice.

95. **The Senior High School.** Spring. M. T. W. Th., 9:30. Four hours credit. Merrill. (Not given this year.)

This course deals with the problems of the senior high school, especially those concerned with the justification and the modification of the present curriculum.

GRADUATE WORK IN EDUCATION

A liberal offering from courses in General Education or equivalent is a prerequisite to graduate courses in Education.

Credit in course 118, Research and Thesis Writing, is required of all candidates for the Master's degree in Education.

Students who plan to complete the requirements for the Master's degree in education should choose a major professor or adviser from the members of the staff who are responsible for graduate work. The major professor will choose two other members from the University faculty who will form the student's thesis committee. This adviser will have the chief responsibility of directing the preparation of the thesis. Students are encouraged to project a graduate program around some field of concentration or emphasis.

The graduate major will ordinarily be chosen from the courses here listed, but work in other departments of the university may be taken where the student's program appears to need such preparatory or supporting courses. The exact allotment of time within the program and the exact amount of time necessary to complete requirements will be determined for the student in the light of his undergraduate work in education and the field he chooses for graduate study.

101-110. Independent Readings in Organization, Administration and Supervision. Any quarter. Maximum of two hours credit for any one student in any one quarter. Lambert.

Properly qualified students may read in fields which courses are not offered and in fields beyond those covered in the regular courses. The reading is planned to meet the needs of the student's graduate program. Registration by consent of the instructor.

111. Public School Finance. I. Winter. Daily, 8:30; Five hours credit. Lambert.

The theory and practice of financing public education in the American states. Emphasis in this course is put upon revenue systems. An enlarged reading program is part of the course. Educational administration 73 or its equivalent is a prerequisite. A course in taxation should precede or parallel this course.

112. Public School Finance, II. Winter. Daily, 9:30. Five hours credit. Lambert. (Not given this year.)

The business management of school systems. Expenditures, costs, purchases, accounting, and the school budget. Educational administration 73 or its equivalent is a prerequisite. Given each alternate year.

113. Personnel Problems. Winter. M. T. W. Th., 9:30; Four hours credit. Lambert. (Not given this year.)

Problems of the teaching staff; training, selection, assignment, promotion, retirement. Contract, tenure, salaries. Given each alternate year. Educational Administration 73 is a prerequisite.

114. The Work of the School Principal. Spring. M. T. W. Th., 10:30. Four hours credit. Lambert. (Not given this year.)

The work of the school principal and the supervisor. Educational Administration 73 and work in educational psychology and teaching methods are prerequisites. Given each alternate year.

116. **Planning School Building and Transportation Programs.** Spring. M. T. W. Th., 8:30. Four hours credit. Lambert.

How to project a school building program and to finance it. How to integrate the curriculum, the school organization, the buildings, and the school transportation system. Management and care of school plants. Educational Administration 73 or its equivalent is a prerequisite.

118. **Introduction to Research and Thesis Writing.** Autumn. M. W. F., 2:30. Three hours credit. Lambert.

Two lectures each week with individual conferences and readings. A course in the principles of scientific investigation and the acceptable procedures of research. Specific assistance in the preparation of the master's thesis. Given for all the graduate students in the university. Required of all candidates for the master's degree in the College of Education.

122. **Problems in Part-Time Education.** Spring. T. Th., 2:30. Two hours credit. Merrill.

This course deals with the methods and the problems of part-time education; the character of the population to be educated, methods of teaching in part-time classes, job analysis, and course organization.

130-135. **Independent Readings in Elementary Education.** Any quarter. Maximum of two hours credit in any one quarter. Law.

Qualified students may read in fields not adequately covered in their course work and make an organized report of the information gained. This reading should be planned to meet the needs of the students graduate program. Registration by consent of instructor.

147. **Research in Secondary Education.** Any quarter. Merrill.

Maximum of three hours credit is allowed for the completion of an acceptable paper that embodies the results of independent research upon some problem in secondary education. Registration by consent of the instructor.

150. **Seminar in Education.** Any quarter. Time arranged. Merrill, Lambert, Lloyd. Law.

A seminar in educational research is organized any quarter for five or more graduate students. It provides an opportunity for qualified workers to extend their studies of educational problems and for graduate students to secure aid in pursuing and reporting their investigations.

154. **Educational Tests and Measurements.** Spring. M. W. F. 8:30. Three hours credit.

A study of objective and standardized testing. Students in this course will undertake an actual program of testing, scoring, tabulating, interpreting results, and planning remedial instruction with the use of the Training School as a laboratory.

157-159. **Research in Elementary Education.** Any quarter. Two hours credit.

Qualified students may pursue research in the field of elementary education and may receive credit upon the satisfactory completion of a paper embodying the results of such research. Registration by consent of the instructor.

164. **Achievement Testing.** Autumn or Spring. M. W. F., 8:30. Three hours credit. Sudweeks.

A course in the use of tests of achievement and intelligence. Standard tests, old-type, and new-type. Training in selecting, giving, scoring, and interpreting tests and in planning remedial measures.

171. **History of Educational Thought.** Autumn. M. W. F., 10:30. Three hours credit. Lloyd.

172. **History of Education in America.** Winter. M. W. F., 10:30. Three hours credit. Lloyd.

173. **Education in the Social Order.** Spring. M. W. F., 10:30. Three hours credit. Lloyd. (Not given this year.)

174. **Advanced Educational Psychology.** Autumn. M. T. W. Th., 9:30, Spring. M. T. W. Th., 10:30. Four hours credit. Poulson. Prerequisite: Psychology 11. (See Psychology 174.)

175. **Psychological Tests.** Autumn. M. W. F., 9:30. Three hours credit. Gibb. Prerequisite: Psychology 11. (See Psychology 175.) (Not given this year.)

181. **History of Philosophy.** Autumn. M. W. F., 2:30. Three hours credit. R. Swensen.

182. **Elementary School Curriculum and Methods.** Winter. Daily. 10:30. Five hours credit.

This course deals with the curriculum and the materials of the elementary school together with methods in elementary education. Elementary Education 81 or its equivalent is a prerequisite.

183. **Recent Trends in Elementary Education.** Spring. M. W. F., 10:30. Three hours credit.

A study of modern practice and theory in the field of elementary school teaching. Prerequisite: 20 hours in education.

184-85. **Research in Philosophy of Education.** Any Quarter. Lloyd. A maximum of two hours credit for research and reports in the Philosophy of Education. Reading may cover materials in which regular courses are not offered. Registration by consent of the instructor.

187. **Methods in Character Education.** Winter. 1:30. Three hours credit. Lloyd.

A study of various methods and techniques in character education that are now in use in the United States, and an evaluation of the educational philosophy upon which each of these rests. Special attention will be given to the newer trends in this field.

188. **Special Problems in the Development of Personality.** Winter. M. T. W. Th., 2:30. Four hours credit. Lloyd.

189. **Juvenile Sociology.** Spring. Two hours credit. Boyle. (See Sociology 171.)

190. **Social Ethics.** Spring. M. T. W. Th., 8:30. Four hours credit.

This course deals with the ethical theory as applied to our industrial and social problems; the breakdown of puritan ethics; individualism, Christian ethics, international goodwill and world peace.

191. **Secondary School Curricula.** Winter. 9:30. Four hours credit. Merrill.

The theory of high school curricula. Particular attention is given,also to an evaluation of the subject matter and student activities now required of students in the high schools of Utah.

192. **Early Childhood Education.** Spring. M. W. F., 9:30. Three hours credit. H. Peterson.

Problems of early elementary education will be considered. A study of the activities, subject matter and concrete materials which should form the basis of the work with young children. Class room observation required.

193. **Philosophy of Education.** Winter. M. W. F. 10:30. Three hours credit. Lloyd.

194. **Educational and Vocational Guidance.** Autumn or Spring. M. T. W. Th., 9:30. Four hours credit. Merrill.

A consideration of the principles of educational and vocational guidance and early vocational experience as factors in determining the choice of an occupation; modification of the high school curriculum to facilitate the vocational choice.

195. **The Senior High School.** Spring. M. T. W. Th. Time to be arranged. Four hours credit. Merrill.

This course deals with the problems of the senior high school, especially those concerned with modifications of present practices.

196. **Supervision of Elementary Education.** Spring. T. Th. 9:30. Two hours credit. H. Peterson.

A study of the problems involved in elementary school supervision in the light of present day practice and theory in this field.

200. **The Master's Thesis in Education.** Each quarter. Merrill, Lambert, Sudweeks, Lloyd, Law.

Credit of four to six hours is given upon the completion of an acceptable thesis that embodies the results of independent research upon a significant problem in some field of concentration. Students should read the section of the catalogue that contains the requirement of the graduate school. Credit in Education 118 is prerequisite.

ENGLISH

Professors Christensen, J. M. Jensen; Associate Professors Rowe, Young; Assistant Professors Carroll, Black, Tracy; Mr. Britsch, Mrs. Tanner, Mrs. Rich.

Scope of Instruction

The English department offers courses in English language, English literature, American literature, and general and comparative literature. For convenience the courses in general and comparative literature are brought together.

Requirements for the Degree of Bachelor of Arts

Students who elect their major in English are required to complete thirty-six hours of work in English in addition to courses 1, 2, 3. The following program of study in English is prescribed: 15, 16, 71, 72, 73, 74, 75 (five required, with 15 and 16 considered as equal to one); courses 80, 83, 84, 85, 86, 87, 88, 89, (two required); 81, 95, 97 (one required); courses 12 and 82.

Students may, however, make substitutions as follows: courses 60 for 72; 90 for 74; 91 for 75; 24 for 82; Journalism 51 or 53 or 57 for 12.

Twenty-four hours in one or more foreign languages are required. The following courses in other departments are recommended: History 10, 11, and 12; Psychology 11; and Phonetics 42.

Courses 20, 21, and 22 are not open to students who elect their major in English. For students who minor in English and who intend to teach the subject, the department recommends a substantial program of study selected from the following: 11, 12, 15, 16, 17, 18, 19, 71, 72, 73, 74, 75, 82 or 24, 97.

Students making English a minor and desiring the recommendation of the department to take secondary training in English must show satisfactory credit in courses 11 and 12 or in their equivalent.

The "Teaching Major" in English

The requirements for the "teaching major" in English and for the regular major are the same except that the foreign language requirements may be reduced or waived by the department to meet the special needs of some prospective teachers. Such reductions or waivers would necessitate, of course, the substitution of the Bachelor of Science degree for the degree of Bachelor of Arts.

Requirements for the Degree of Master of Arts

Candidates for the Degree of Master of Arts in English must have met the requirements for the Degree of Bachelor of Arts or their equivalent. They must offer upper division or graduate credit in Old English, Chaucer, Shakespeare, and History of the English Language; they must have, exclusive of thesis credits, at least twenty hours of graduate credit in English; they must write a satisfactory thesis, and pass a comprehensive oral examination in the field of English language and literature.

Placement Tests for Freshman English

In Freshman English consideration is given to the individual needs of students. To determine these needs all freshmen are required to take a placement test at the time of registration. Assignments to classes are made after this test.

Lower Division Courses

a. **English Grammar and Composition.** Autumn, Winter. M. W. F., 3:30. No credit.

An elementary course required of freshmen who make an unsatisfactory grade in the English placement test.

1. **Composition and Literature.** Autumn. M. W. F., Classes available at 8:30, 9:30, 10:30, 1:30, and 2:30. Three hours credit.

Review of grammar, study of the principles of composition, theme writing, and reading in literature.

2. **Composition and Literature.** Winter, Sections and time the same as in course 1. Three hours credit.

Continuation of course 1.

3. **Composition and Literature.** Spring. Sections and time the same as in courses 1 and 2. Three hours credit.

Continuation of course 2.

4. **Business English.** Autumn, Winter, Spring, M. W. F., 9:30. Three hours credit. Waspe.

The substance and style of business English; correctness of diction; business forms and usages. Prerequisite: English 1, 2, 3.

11. **Advanced English Grammar.** Autumn and Spring. M. T. W. Th., 1:30. Four hours credit. Young.

Prerequisite: English 1, 2, and 3.

12. **Advanced Rhetoric and Composition.** Autumn. M. W. F., 10:30. Three hours credit. Christensen.

Long themes, lectures, conferences, and required reading. Prerequisites: English 1, 2, and 3.

14. **Classic Myths.** Autumn. T. Th., 8:30. Two hours credit. Carroll.

A study of Greek, Roman, and Teutonic myths with special reference to their literary uses.

15. **Early American Writers.** Autumn. T. Th., 1:30. Two hours credit Tracy.

A survey of American literature from Captain John Smith to about 1865.

16. **Later American Writers.** Winter. T. Th., 1:30. Two hours credit. Tracy.

A survey of American literature from about 1865 to the present century.

17. **Contemporary American Poets.** Autumn. T. Th., 2:30. Two hours credit. Black.

A study of the principal American poets.

18. **Contemporary American Short Story Writers.** Winter. T. Th., 2:30. Two hours credit. Black.
    A study of the principal American short story writers.

19. **Contemporary American Novelists.** Spring. T.· Th., 2:30. Two hours credit. Black.
    A study of the principal American novelists.

20. **Masterpieces of English Literature.** Autumn. T. Th., Sec. 1, 9:30, Tanner, Sec. 2, 10:30, Carroll. Two hours credit.
    A study of the principal English masterpieces.

21. **Masterpieces of English Literature.** Winter. T. Th. Sec. 1, 9:30, Tanner; Sec. 2, 10:30, Carroll. Two hours credit.
    A continuation of course 20.

22. **Masterpieces of English Literature.** Spring. T. Th. Sec 1. 9:30, Tanner; Sec. 2, 10:30, Carroll. Two hours credit.
    A continuation of course 21.

24. **Shakespeare.** Autumn. M. T. W. Th., 2:30. Four hours credit. Young.
    A comprehensive study of Shakespeare's poems and plays.

25. **Emerson.** Spring. T. Th., 1:30. Two hours credit. Tracy.
    A study of the author's poetry and prose.

29. **An Introduction to Literature.** Winter. M. W. F., 10:30. Three hours credit. Christensen.

    An introductory course in the study and appreciation of literature—poetry and prose.

    See General and Comparative Literature, for courses 26, 27, 28, 61, 62, 63, 65, 66, 67, 68, 69.

Upper Division Courses

52. **Argument and Debate.** Autumn. M. W. F., 9:30. Three hours credit. Rowe. (See Speech 52.) (Not given this year.)
    A study of the principles of argument followed by a series of debates on current questions. Prerequisites: English 1, 2, and 3.

53. **Romantic Prose.** Autumn. T. Th., 10:30. Two hours credit. Rowe. (Not given this year.)

    A study of the principal prose writings of the Romantic Movement.

54. **Contemporary British Literature.** Autumn. M. W. F., 9:30. Three hours credit. Rowe. (Not given this year.)

58. **The New Biography.** Spring. T. Th., 8:30. Two hours credit. Jensen.
    A study of the best recent biographies.

60. **English Drama to 1642.** Spring. M. T. W. Th., 2:30. Four hours credit. Young. (Not given this year)

The beginning and development of English drama, not including Shakespeare, to the closing of the theatre.

64. **Restoration Drama.** Spring. M. W. F., 9:30. Three hours credit. Jensen.

71. **Medieval Literature.** Autumn. M. T. W. Th., 9:30. Four hours credit. Christensen.

72. **English Literature from 1500-1660.** Winter. M. T. W. Th., 2:30. Four hours credit. Young.

73. **English Literature from 1660-1780.** Spring. M. T. W. Th., 2:30. Four hours credit. Jensen.

74. **English Literature from 1780-1832.** Winter. M. T. W. Th., 10:30. Four hours credit. Rowe. (Not given this year)

75. **English Literature from 1832-1900.** Spring. M. T. W. Th., 8:30. Four hours credit. Carroll.

80. **Alexander Pope.** Autumn. M. W. F., 9:30. Three hours credit. Jensen.

81. **Chaucer.** Winter. M. T. W. Th., 8:30. Four hours credit. Christensen.

82. **Shakespeare.** Spring. M. T. W. Th., 9:30. Four hours credit. Christensen.

An intensive and critical study of the principal plays.

83. **Milton.** Winter. M. W. F., 9:30. Three hours credit. Christensen.

A study of the author's poetry and prose.

84. **Wordsworth.** Spring. M. W. F., 10:30. Three hours credit. Young.

The author's theory of poetry and his principal poems will be studied.

85. **Tennyson.** Winter. M. W. F., 2:30. Three hours credit. (Not given this year.)

A study of the author's principal major and minor poems.

86. **Browning.** Spring. M. W. F., 10:30. Three hours credit. Britsch.

A study of the author's principal major and minor poems.

87. **Matthew Arnold.** Autumn. M. W. F., 10:30. Three hours credit. Christensen. (Not given this year)

Study of Arnold's poetry and prose.

88. **Samuel Johnson.** Winter. M. W. F., 1:30. Three hour credit. Young.

A study of "Lives of the Poets," "Rasselas," and Boswell's "Life of Johnson."

89. **Byron.** Winter. M. W. F., 9:30. Three hours credit. Row
A study of the author's principal works. (Not given thi year.)

90. **Romantic Poetry.** Autumn. M. W. F., 10:30. Three hour credit. Rowe. (Not given this year.)

A study of romanticism as manifested in the poetry the eighteenth and nineteenth centuries.

91. **Victorian Prose.** Autumn. M. W. F., 2:30. Three hou credit. Black.

92. **The English Novel.** Autumn. M. T. W. Th., 2:30. Fo hours credit. Jensen.

The history of English prose fiction to the beginning the Victorian Period.

93. **The Modern English Novel.** Winter. M. T. W. Th., 2:3 Four hours credit. Jensen.

A consideration of the technique of the novel and variou phases of life reflected in this form of literature.

94. **The English Essay.** Winter. T. Th., 8:30. Two hours credi Jensen.

The origin of the essay, and its development to th present time.

95. **Old English.** Autumn. M. T. W. Th., 8:30. Four hours credi Christensen.

Old English grammar and reading exercises.

96. **Beowulf.** Spring. M. W. F. Time to be arranged. Three hou credit. Christensen.

The entire poem is read in the original. Prerequisit Course 95. (Not given this year.)

97. **The History of the English Language.** Spring. M. T. V Th., 8:30. Four hours credit. Christensen.

An historical and philological study of the language fro the Old English period to the present time.

98. **The Criticism and Appreciation of Literature.** Spring. M W. F., 10:30. Three hours credit. Christensen.

A study of critical theories and standard of value.

GENERAL AND COMPARATIVE LITERATURE

Lower Division Courses

26, 27, 28. Types of World Drama. Autumn, Winter, Spring. T. Th., 8:30. Two hours credit each quarter. Rowe. (Not given this year.)

The great plays of the world are studied according to type.

Upper Division Courses

51. Modern European Drama. (Continental.) Autumn. M. W. F. 2:30. Three hours credit. Rich.

52. Modern European Drama. (British.) Winter. M. W. F., 2:30. Three hours credit. Rich.

53. Modern Drama. (American.) Spring. M. W. F., 2:30. Three hours credit. Rich.

55, 66, 67. Types of World Literature. Autumn, Winter, Spring, T. Th., 9:30. Two hours credit each quarter. Carroll.

69. Poetry. Spring M. W. F., 9:30. Three hours credit. Rowe. (Not given this year.)

A somewhat technical study of versification, forms, and theories of poetry.

Graduate Courses

60. English Drama to 1642. Spring 1:30. Young. (Not given this year.)

64. Restoration Drama. Spring. M. W. F., 9:30. Three hours credit. Jensen.

55, 166, 167. Types of World Literature. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Carroll.

71. Medieval Literature. Autumn. 9:30. Four hours credit. Christensen.

72. English Literature from 1500 to 1660. Winter. 2:30. Four hours credit. Young.

73. English Literature from 1660 to 1780. Spring. 2:30. Four hours credit. Jensen.

74. English Literature from 1780 to 1832. Winter. 10:30. Four hours credit. (Not given this year.)

75. English Literature from 1832 to 1900. Spring. 8:30. Four hours credit. Carroll.

30. Alexander Pope. M. W. F. Three hours credit. Jensen.

31. Chaucer. Winter. 8:30. Four hours credit. Christensen.

32. Shakespeare. Spring. 9:30. Four hours credit. Christensen.

183. **Milton.** Winter. 9:30. Three hours credit. Christensen.

184. **Wordsworth.** Spring. 10:30. Three hours credit. Young.

185. **Tennyson.** Winter. 2:30. Three hours credit. (Not given this year.)

186. **Browning.** Spring. 2:30. Three hours credit. Britsch.

187. **Matthew Arnold.** Autumn. 9:30. Three hours credit. Christensen. (Not given this year.)

188. **Samuel Johnson.** Winter. 1:30. Three hours credit. Young.

189. **Byron.** Winter. M. W. F,, 9:30. Three hours credit. Rowe. (Not given this year.)

191. **Victorian Prose.** Autumn. M. W. F. Three hours credit. Black.

195. **Old English.** Autumn, 8:30. Four hours credit. Christensen.

196. **Beowulf.** Spring. M. W. F. Time to be arranged. Three hours credit. Christensen. (Not given this year.)

197. **The History of the English Language.** Spring. 8:30. Four hours credit. Christensen.

198. **The Criticism and Appreciation of Literature.** Spring. 10:30. Three hours credit. Christensen.

200. **Thesis for Master's Degree.** Time and credit to be arranged.

GEOLOGY AND GEOGRAPHY

Professors Hansen, Martin, Hales; Assistant Professor Coffman, Mr. Dennis

GEOLOGY

Geology 1, 2, 3, 50, 51, 52, 53 and 57; Chemistry 4, 5, 6,; Physics 41, 42, 43; Mathematics 11, 12; Drawing 6; and Engineering 1, 3 are recommended for students majoring in Geology.

A Teaching major in Geology and Geography shall include Geology 1, 2, 3, and 25 hours in additional courses approved by the Chairman of the Department.

Lower Division Courses

1. **Introduction to Earth Science.** Autumn. 7:30 (Coffman) and 10:30 (Hansen). Winter 8:30 and 10:30 (Coffman). Spring. 10:30 (Hansen) Daily. Four hours credit. Four lectures and one demonstration or quiz section. One or two Saturday field trips are required. Coffman and Hansen.

An orientation course in the fields of Geology and Geography. This course is a prerequisite to all other courses in the department of Geology and Geography.

2. **Physical Geology.** Winter. Lectures, M. W. F., 9:30. Laboratory T. Th., 2:30 to 5:30, and two Saturday field trips. Five hours credit. Hansen.

The common rock-forming minerals, the common rocks and representative topographic maps will be studied in the laboratory. Prerequisite: Geology 1. A course especially suited for majors in Geology, Physics and Chemistry.

3. **Historical Geology.** Spring. Lectures M. T. W., Th., 9:30. Laboratory, F., 1:30 to 4:30, and two Saturday field trips. Five hours credit. Hansen.

A study of the history of the earth and the evolution of life forms. Representative fossil forms will be studied in the laboratory. Prerequisite: Geology 1.

Upper Division Courses

50. **Geology of the United States.** Winter, Daily, 10:30. Five hours credit. Hansen.

A study of the stratigraphy, structure and areal geology of the United States from the geologic maps of representative areas. Prerequisite: Geology 2 and 3.

51. **Mineralogy.** Autumn, M. W., 2:30. Laboratory T. Th., 2:30 to 5:30. Four hours credit. Hansen.

A general course in mineralogy. The laboratory will be devoted to crystallography and the identification of the non-silicate minerals by blowpipe analysis. Prerequisites: Chemistry 6 and Geology 2.

52. **Structural Geology.** Autumn. Daily, 8:30. Five hours credit. Hansen.

A study of rock structures caused by earth movements. Emphasis will be placed upon the solving of structural problems in sedimentary rocks and the primary structures of igneous and metamorphic rocks will be treated with less detail. Prerequisite: Geology 51.

53. **Field Geology.** Spring. Daily, 8:30. Five hours credit. Hansen.

A course in the practical application of geologic knowledge to the interpretation of field problems. Each student will be required to make a topographic and geologic map of a small area in the Wasatch or elsewhere near the campus. Prerequisites: Geology 52 and Mathematics 13.

57. **Soil Geology.** Spring. M. W. F., 8:30. Laboratory W., 2:30. Four hours credit. Martin. Prerequisite: Geology 2. (See Agronomy 57.)

61. **Mineral Optics.** Winter. M. W., 2:30 to 5:30. Two hours credit. Dennis. (Not given this year.)

A study of the principles of mineral identification by means of the petrographic microscope. Prerequisite: Geology 51.

62. **Petrography.** Spring. M. W. 2:30 to 5:30. Two hours credit. Dennis. (Not given this year.)

A study of the common rocks with the aid of the petrographic microscope. Prerequisite: Geology 61.

63. **Petrology.** Spring. M. W., 2:30 to 5:30 and Saturday field trips. Two hours credit. Dennis. (Not given this year.)

A megascopic study of the common rocks with emphasis upon classification and field identification. Prerequisite: Geology 51.

70. **Invertebrate Paleontology.** Winter. Daily, 2:30 and laboratory work. Five hours credit. Hansen. Prerequisites: Zoology 55 and Geology 3.

71. **Physical Anthropology.** Spring. M. W. F., 2:30. Three hours credit. Hansen. Prerequisite: Geology 3.

73. **Sedimentation and Stratigraphy.** Autumn. Daily, 2:30 and laboratory work. Five hours credit. Hansen. Prerequisite: Geology 52. (Not given this year.)

74. **Stratigraphy and Fossils of the Wasatch.** Spring. Time to be arranged. Eight hours field or laboratory work. Three hours credit. Hansen. Prerequisite: Geology 71.

90. **Ore Deposits.** Autumn. Daily, 9:30. Five hours credit.

A study of the geologic occurence and relationships of the ore minerals. Prerequisites: Geology 51 and 52.

91. **The Non-Metallic Minerals.** Winter. Daily, 8:30. Five hours credit. Dennis. Prerequisites: Geology 51 and 52. (Not given this year.)

92. **Geology of Ground Water.** Winter. Daily, 8:30. Five hours credit. Dennis. Prerequisites: Geology 51. (Not given this year.)

Graduate Courses

101, 102, 103. **Research.** Hours and credit to be arranged. Hansen and Dennis. Special problems in the field of Geology will be assigned to students prepared to do original work.

110. **Geology of Utah.** Autumn. T. Th., 2:30, and three long field trips, the expense of which is borne by the students. Three hours credit. Hansen. Prerequisite: Geology 52.

151. **Engineering Problems in Geology.** Time and credit to be arranged. Hansen and Dennis. Prerequisite: Geology 52.

152. **Problems in Structural Geology.** Time and credit to be arranged. Dennis. Prerequisite: Geology 52.

160. **Advanced Work in Mineralogy.** Time and credit to be arranged. Dennis. Prerequisite: Geology 61.

175. **Special Problems in Paleontology.** Spring. M., 10:30, and six hours laboratory work by arrangement. Three hours credit. Hansen.

190. **Special Problems in Metals.** Time and credit to be arranged. Dennis. Prerequisite: Geology 90.

191. **Special Problems in Non-Metals.** Time and credit to be arranged. Dennis. Prerequisite: Geology 91.

193. **Ore Deposits of Utah.** Winter, Daily, 9:30. Five hours credit. Dennis, Prerequisite: Geology 90.

196. **Readings in Geology.** Any quarter. One to six hours credit, no more than two hours of which may be taken in any one quarter. Hansen and Dennis.

200. **Thesis Work.** Not more than than six hours credit.

GEOGRAPHY

Lower Division Courses

6. **Regional-Economic Geography.** Autumn. Daily, 8:30. Five hours credit. Coffman. (See Marketing 30.)

The geography of world commodities; a survey of the economic activities of the world's political entities from a regional aspect.

50. **General Physiography.** Spring. Daily, 8:30. Five hours credit. Coffman.

A study of land forms and physiographic processes.

51. **Climatology.** Autumn, M. W. F., 10:30. Three hours credit. Coffman.

Elements, controls and types of climate and their distribution. Also recent thought on climatic regions. Prerequisite: Geography 50 or 15 hours in natural sciences including agronomy, botany, or meteorology. (Not given this year.)

52. **Human Geography of Utah.** Winter. T. Th., 2:30. Two hours credit. Hansen.

The response man has made to his geographic environment. Prerequisite: Geology 1, or Geography 50.

54. **Conservation and Land Utilization.** Spring. M. W. F., 7:30. Three hours credit. Coffman.

Importance, location, and conservation of our natural resources. Prerequisites: Geography 6 or 15 hours in natural or social science including Agronomy, Botany, or Economics.

55. **Geography of North America.** Spring. M. W. F., 10:30. Three hours credit. Coffman. Prerequisite: Geography 50. (Not given this year.)

56. **Geography of Latin America.** Spring. M. W. F., 2:30. Three hours credit. Coffman. Prerequisite: Geography 50.

57. **Geography of Europe.** Winter. M. W. F., 2:30. Three hours credit. Coffman. Prerequisite: Geography 50. (Not given this year.)

58. **Geography of Asia.** Winter. M. W. F., 2:30. Three hours credit. Coffman. Prerequisite: Geography 50. (Not given this year.)

71. **Physics of the Air.** Autumn. M. T. Th., F. Lab. W. Five hours credit. Hales. (See Physics 71.)

Graduate Courses

105, 106, 107. **Research.** Hours and credit to be arranged. Hansen and Coffman.

Under this course special problems may be assigned students who are prepared to do original work in the field of Geography.

111. **Physiography of Utah.** Spring. T. Th., 8:30, and three Saturday field trips. Three hours credit. Hansen.

Deals with the present surface forms of Utah and how they came to be developed.

151. **Special Problems in Climatology.** Time and credit to be arranged. Coffman.

152. **Special Problems in Human Geography.** Time and credit to be arranged. Hansen.

154. **Special Problems in Conservation and Land Utilization.** Time and credit to be arranged. Coffman.

200. **Thesis Work.** Not more than six hours credit.

HISTORY

Professors Jensen, Snow, Sperry; Associate Professor R. B. Swensen; Assistant Professor O. M. Wilson; Mr. Gaeth

Requirements for Major in History

A History major requires the completion of 45 hours of work in this field. History 10, 11, 12, 20, 21, 22 are required courses and should be completed by the end of the sophomore year. The additional work shall consist of upper division courses which will be chosen by the student with the consent of the major professor.

History I cannot be used in meeting the requirements for a major in history.

A student deciding to major in History must immediately consult the head of the department who will determine, in consultation with the student, upon the minor field of work.

Lower Division Courses

1. **History of Civilization.** Five hours credit. Autumn. Daily, 9:30. Wilson. Winter. Daily, 8:30. Gaeth.

An orientation course covering all phases of human achievement. Cultural and constructive forces are of chief consideration. The survey is universal in time and place. (History 1 may not be applied toward a history major.)

10. **Ancient Civilization.** Autumn. Daily, 9:30. Five hours credit. R. B. Swensen.

A survey of early civilization dealing with the important oriental, Greek, and Roman states.

11. **Medieval and Early Modern Europe.** Winter. Daily, 9:30. Five hours credit. Wilson.

A study of the political, social, economic, and religious institutions from the disintegration of the Roman Empire to 1650.

12. **Modern and Contemporary Europe.** Spring. Daily, 9:30. Five hours credit. Gaeth.

An examination of the political, economic, social, and cultural changes since 1650 which have resulted in the development of present day Europe.

20. **History of the United States to 1789.** Autumn. M. W. F., 2:30. Three hours credit. Wilson.

Problems of discovery, exploration, and colonization; causes, conflicts, and results of American Revolution; establishment of state governments; formation and ratification of Constitution of the United States.

21. **History of United States, 1789 to 1861.** Winter, M. W. F., 2:30. Three hours credit. Wilson.

Federalist and Anti-Federalist control of government; foreign affairs and the Monroe Doctrine; "Rise of the New West"; problems of nullification; economic, political, and moral phases of slavery.

22. **History of United States, 1861 to 1940.** Spring. M. W. F., 2:30. Three hours credit. Wilson.

Problems of the Civil War and reconstruction; the new economic era; a new imperialism; the United States and the World War; post-war problems.

Upper Division Courses

50. **Early Oriental History.** Autumn. M. W. F., 8:30. Three hours credit. Sperry.

A study of ancient civilizations including Egypt, Babylonia, Assyria, China, India, Arabia, Persia; also of the Hebrews, and other oriental races. The course is helpful to those especially interested in the Jewish scripture.

51. **Greek History.** Winter. M. W. F., 8:30. Three hours credit. R. B. Swensen.

A study of the social, cultural, economic, and political developments of the Greek people from the early heroic age down to Alexander. Major emphasis on phases of Greek culture which have influenced Western civilization.

52. **Roman History.** Spring. M. W. F., 9:30. Three hours credit. Wilson.

A survey extending from the rise of the Republic to the reign of Justinian. Special consideration will be given to the economic, social, cultural, and political forces which brought about the growth and decline of the Empire.

62. **Medieval History.** Autumn. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

Survey of the period from the disintegration of the Roman Empire to 814. Emphasis will be placed on the development of the Papacy, the growth of Monasticism, the conversion of the barbarians and the significant reign of Charlemagne.

63. **History of Europe, 814-1250.** Winter. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

A study of the social, economic and religious changes implicit in Feudalism, the Crusades, and the rise of cities.

64. **Close of the Middle Ages, 1250-1555.** M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

Emphasis in this period will be placed on the rise and growing power of the Third Estate, the Renaissance, the Reformation, and the emergence of monarchial states.

70. History of Europe, 1556-1776. Autumn. M. W. F., 2:30. Three hours credit. Snow.

A study of the revolutionary ideas that challenged the traditional views in science, theology, economics, and politics, and a consideration of the conflicts resulting therefrom.

71. Europe, 1776-1878. Winter. M. W. F., 2:30. Three hours credit. Snow.

A study of the revolutionary movements in America and Europe; the American and French revolutions; the period of reaction and emergence of liberalism and nationalism. The period from 1848 will be given special emphasis.

72. Europe since 1878. Spring. M. W. F., 2:30. Three hours credit. Snow.

A study of the spread of industrialism and the consequent imperialistic competition resulting in the World War. A concluding survey of international relations and the underlying forces that make for peace or war.

80. History of the American West. Autumn. M. W. F., 3:30. Three hours credit. Snow.

America the frontier of Europe. International rivalry for the Caribbean area; the Atlantic tide water and the Pacific Coast. Problems of the West to 1803.

81. History of the West. Winter. M. W. F., 3:30. Three hours credit. Snow.

The significance of the Frontier in the development of a distinctive Americanism; the West in national issues 1803-1861.

82. History of the West. Spring. M. W. F., 3:30. Three hours credit. Snow.

The development and colonization of the Trans-Mississippi, the Rocky Mountains, and the Pacific West 1803-1892. Special consideration will be given to the Mormon migration and the development of Utah.

85. History of Hispanic America. Autumn. M. W. F., 10:30. Three hours credit. Snow.

A brief survey of the colonial period, and a study of the causes and results of the wars for independence.

86. History of Hispanic America. Winter. M. W. F., 10:30. Three hours credit. Snow.

A study of the struggle for stable governments after independence was gained. The characteristics of special sections will be given consideration.

87. History of Hispanic America. Spring. M. W. F., 10:30. Three hours credit. Snow.

In this quarter, careful consideration will be given to inter-American and international relations with special emphasis on the United States and Hispanic American peace and trade pacts.

90. History of England to 1485. Autumn. M. W. F., 8:30. Three hours credit. Wilson.

Origin and development of the English people and English institutions from earliest times to 1485.

91. History of England, 1485 to 1714. Winter. M. W. F., 8:30. Three hours credit. Wilson.

Special consideration to the development under the Tudors and the struggle of Divine right claims of the Stuarts against pariamentary prerogative. The triumph of Parliament, 1689-1714.

92. History of England, 1714 to 1940. Spring. M. W. F., 8:30. Three hours credit. Wilson.

Cabinet government. A survey of the reform movements, political, economic and humanitarian in the nineteenth century, and England's relation to foreign affairs, to the time of the World War and after.

93. Constitutional History of England. Spring. M. W. F., 10:30. Three hours credit. Wilson.

A study of English constitutional development from the Anglo-Saxon period to the present. Attention is given to the origin and evolution of the royal prerogative, the judicial and administrative systems, the growth of Parliament, the development of cabinet responsibility. The aim is to understand the processes which have resulted in the establishment of a constitutional democratic form of monarchy.

95. **American History to 1789.** Autumn. M. W. F., 9:30. Three hours credit. Jensen.

A study of colonial institutions and the constitutional relations between the colonies and the mother country; constitutional theories and principles involved in the Revolution; formation of the federal constitution.

96. **History of the United States 1789 to 1865.** Winter. M. W. F., 9:30. Three hours credit. Jensen.

A study of the organization of the new government; the problems of nationality and state rights; the problems involved in slavery and in the expansion of the nation; constitutional theory of secession; constitutional aspects of the war power.

97. **History of the United States since 1865.** Spring, M. W. F., 9:30. Three hours credit. Jensen.

Political, economic, and social reconstruction after the Civil War; industrial and economic expansion, the problem of insular posessions; the World War and its after affects; economic depression and the "New Deal."

Graduate Courses

150. **Early Oriental History.** Problems of ancient civilizations.

151. **Grecian History.** A study of important problems dealing with the development of Greek life and culture.

152. **Roman History.** Problems of agrarian reform and Roman imperialism.

162. **Medieval History.** Studies dealing with the Papacy and Monasticism.

163. **Medieval History.** Problems relating to Feudalism, the Crusades, and the rise of cities.

164. **Medieval History.** Emphasis on the Renaissance, the Reformation, rise of the Third Estate, and the rise of monarchial states.

170. **Modern History.** A new science and philosophy of the seventeenth and eighteenth centuries.

171. **Modern History.** The struggle between liberalism and conservatism in the nineteenth century.

172. **Modern History.** Some problems connected with the World War and intricate world relations since then.

180. **History of the West.** The West as a factor in international rivalry to 1763, and as a potential force in the American Revolution.

181. **History of the West.** The influence of the West in the opening of the Mississippi, the War of 1812, the American system, etc.

182. **History of the West** The history of the Trans-Mississippi West, the Great Basin, etc.

185. **History of Hispanic America.**

A study of colonial problems in Hispanic America. The movement for independence.

186. **History of Hispanic America.**

Problems connected with the establishment of independent states.

187. **History of Hispanic America.**

International and inter-American relations of Hispanic American states.

190. **History of England, 1066-1485.** A study of the rise of the bourgeoise and the evolution of Parliamentary supremacy.

191. **History of England, 1485-1714.** An intensive study of the evolution of cabinet government, or the Machine Age and its industrial and social consequences.

192. **History of England, 1714-1937.** Expansion and industrialism and the new economic doctrine of laissezfaire.

193. **Constitutional History of England.** Emphasis upon fundamental movements connected with English constitutional growth.

195. **American History.** Problems of Colonial and Revolutionary history.

196. **American History.** Topics in the development of American political and historical institutions.

197. **History of the United State.** Problems in recent American constitutional history.

198. **Problems in Historical Research.**

200. **Research for Master's Thesis.**

HOME ECONOMICS

Professors Warnick, Larsen; Assistant Professors Dixon, Johanson; Miss Billings, Miss Alleman, Miss Olsen, Miss Ellsworth.

It is advised that students of Home Economics who are preparing to enter the teaching profession take both major and minor in this department as this facilitates placement in teaching positions. Major and minor may be obtained in Clothing and Textiles, Foods and Nutrition, Household Administration. A Vocational Home Economics teaching major is also provided for.

All freshmen who expect to major in Home Economics are required to take Household Administration 5. All teaching majors are required to take Household Administration 71, 72, and 73; Chemistry 21, 22 and 23; Bacteriology 21, and 22; Zoology 45 or 65; Art 21, 25, and 29. Four additional hours of Art are to be elected.

It is suggested that students interested in Pre-nursing preparation register in the Department of Home Economics with a major in Foods and Nutrition. The following courses are recommended for such students: Foods and Nutrition 5, 10, 11, 12; Chemistry 21, 22 and 23; Bacteriology 21 and 22; Psychology 11; Zoology 45 or 65 and 66; Economics 1; Sociology 11; Household Administration 12 or 62; Freshman English, and Physical Education. These courses would provide an adequate foundation for Nurses' training and for a teaching major should a student desire to return for a college degree.

The following courses fulfill the requirements prescribed by the American Dietetic Association for predietetic training: Chemistry 21, 22, 23, 6 or 76; Zoology 45 or 65 and 66, and 58; Bacteriology 21 and 22; Psychology 11 and 63; Sociology 11; Economics 1; Secondary Education 81 or Household Administration 71 and 72; Foods and Nutrition 10, 11, 12, 50, 51, 53, 54, 55, 56, and 75; Household Administration 65; Accounting and Business Administration 1.

CLOTHING AND TEXTILES

Clothing and Textiles 1, 2, 3, 55, 56, 60, 61, 62, 65, 66, 68 and 69 are required of all who major in Clothing and Textiles. Other additional hours are elective with the advice of the major professor. Chemistry 21, 22 and 23 or equivalent required.

Lower Division Courses

1 or 70. Clothing Selection and Construction. Autumn. M. T. W. Th., F. Sec. 1 and 2, 8:30. Sec. 3, 2:30. Three hours credit. Billings and Olsen.

Analysis of fashion trends as they affect the selection of personal clothing; study and basic measures used by commercial pattern makers and methods of adjusting the pattern to individual needs. Selection and construction of a tailored dress by the use of a commercial pattern. Laboratory hours to be arranged. Prerequisite or parallel Art 21.

2 or 71. Clothing Design and Construction. Winter. M. T. W. Th. F., Sec. 1 and 2, 8:30. Sec. 3, ,2:30. Three hours credit. Billings and Olsen.

An analysis of garment design and personal line. A basic muslin pattern is made for comparison and guidance in the interpretation and adjustment of the commercial patterns. Emphasis is placed on fabric and design as it affects the character of the costume. One garment is made. Laboratory hours to be arranged. Prerequisite or parallel Art 25, Clothing and Textiles 1 or 70, or 5.

3 or 72. Spring Wardrobe Building. Spring. M. T. W. Th. F. Sec. 1 and 2, 8:30. Sec. 3, 2:30. Three hours credit. Billings and Olsen.

Selection and construction of the costume ensemble; the study and application of art principles to the selection of the wardrobe. Emphasis upon sewing techniques and short cuts to speed and efficiency. Construction of summer garments for street, daytime, and evening, and semi-tailored costumes; color harmonies of special interest. Laboratory hours to be arranged. Prerequisite Clothing and Textiles 2 or 71.

5. Survey in Clothing Construction. Autumn, Winter, Spring. M. T. W. Th., 9:30. Three hours credit. Olsen.

Emphasis on selection and construction of a tailored garment to teach correct techniques in the use of commercial patterns and construction skills. Adjustment of pattern to individual measures, analysis of color, line and fabric are stressed. Laboratory periods to be arranged. Prerequisite or parallel Art 21. Accepted for Clothing and Textiles 1 on recommendation of instructor.

10. Dress Design and Appreciation.. Autumn. M. W. F., 1:30. Three hours credit. Billings.

Selection and purchase of the personal wardrobe. Consideration will be given to the clothing budget, suitability of costume to use, care and repair of the personal wardrobe;

good grooming, and the relation of clothing to individual success. Open to all non-majors. Required of minors and students preparing for a Vocational Teaching Certificate.

15. **General Textiles.** Spring. M. W. F., 10:30. Three hours credit. Olsen.

Fundamental textile fibers, yarns, weaves, color, and finishes with special references to selection of fabrics for clothing and the house. This course or equivalent is required of minors and students qualifying for a Vocational Teaching certificate.

Upper Division Courses

52. **Children's Clothing.** Spring. M. W. F., 2:30. Two hours credit. Olsen.

A consideration of design and construction of children's clothing suitable to various ages and types with special emphasis on physical and psychological needs of the child as related to clothing.

55. **The Family Clothing Problem.** Autumn. Daily. Sec. 1, 1:30. Sec. 2, 2:30. Two hours credit. Olsen.

Study of the wardrobe needs of the family and problems relating to the purchase, care,, and construction of the family clothing. To buy or to sew; a comparison of needs and values with some remodeling of garments to provide basis for comparison.

56. **Tailoring.** Winter. Daily. Sec. 1, 1:30. Sec. 2, 2:30. Two hours credit. Billings and Olsen.

Tailoring techniques applied in the construction of coats, suits and dresses. Prerequisites Clothing and Textiles 1, 2, and 3, or equivalent.

60, 61. **Advanced Textiles.** Autumn and Winter. T. Th., 10:30. Two hours credit each quarter. Olsen.

History of primitive and modern methods of manufacturing textile fibers. The construction and finish of fabrics and factors influencing the quality and cost.

62. **Economics of Clothing Selection.** Spring. T. Th., 10:30. Two hours credit. Olsen.

A study of factors involved in the selection and purchase of clothing with special reference to existing guides and sources of buying information for the consumer-buyer. Field trips to stores and industries. Open to all upper division students.

65. **Historic Costume.** Winter. M. W. F., 1:30. Laboratory F., 2:30-3:30. Three hours credit. Billings.

Study of period costume as an expression of fashion which reflects the social and artistic life of the time. Emphasis is placed on those phases of costume which provide inspiration for modern design. Students of the drama and pageantry will find special interest in this course.

66. **Costume Design.** Spring. M. W. F., 1:30. Laboratory F., 2:30-3:30. Three hours credit. Billings.

Principles of sketching and the interpretation of artistic design. Emphasis is placed on creative design by the use of motifs and fashion sources which will aid in the development of individual dress. Prerequisite: Clothing and Textiles 65.

67. **Advanced Clothing Construction.** Autumn. M. T. W. Th., 9:30. Two hours credit. Billings.

Design and construction of daytime and evening garments. Training in fine techniques and artistic wardrobe assembling. Prerequisite Clothing and Textiles 1, 2, and 3 or equivalent.

68. **Pattern Design and Draping.** Spring. Daily, 9:30-11:30. Three hours credit. Billings.

The principles of draping and dress design, cutting, fitting, and finishing. The basic muslin pattern is used to facilitate efficient self-fitting. Two garments are designed, cut, fitted, and finished. Laboratory hours to be arranged for sewing work as class hours will be confined to problems of design and style. Prerequisites; Clothing and Textiles 1, 2, 3; 60 or 15; 10 or 66.

69. **Recent Development in the Textile Field.** Winter. T. Th. 10:30. Two hours credit. Olsen.

Readings, reports, and discussions based on the current literature and research being done in the textile and clothing field. Prerequisites: Clothing and Textiles 1, 2, 3, 60, 61, 65, and 66.

Graduate Courses

101. **Clothing Selection and Construction.** Autumn. M. T. W. Th. Three hours credit. Billings.

102. **Clothing Design and Construction.** Winter. M. T. W. Th. Three hours credit. Billings.

160, 161. **Textiles.** Autumn and Winter. T. Th., 10:30. Two hours credit each quarter.

162. **Economics of Clothing.** Spring. T. Th., 10:30. Two hours credit.

168. **Pattern Design and Draping.** Spring. T. Th., 9:30-11:30. Three hours credit. Billings.

FOODS AND NUTRITION

Foods and Nutrition 10, 11, 12, 50, 53, 54, 55 and 56 are required of all who major in Foods and Nutrition. Other additional hours are elective with the advice of the major professor. Chemistry 21, 22 and 23 or equivalent required.

Lower Division Courses

1. **Food Problems in the Home.** Autumn and Winter. T. Th. Lecture 2:30-3:30. Laboratory 3:30-5:30. Three hours credit. Ellsworth.

A course in food selection, marketing and preparation. This course is for non majors only.

2. **Food Problems in the Home.** Spring. T. Th. Lecture 2:30-3:30. Laboratory 3:30-5:30. Three hours credit. Ellsworth.

A course in food service for parties, catering etc. Emphasis will be placed on social customs in relation to food service. For non-majors only.

4. **Cookery Problems for men.** Autumn. M. W. F. One lecture and two laboratory periods, 7:30-8:30. Two hours credit. Ellsworth.

For men desiring experience in simple meal preparation.

5. **Elementary Nutrition.** Winter and Spring. M. W. F., 8:30. Three hours credit. Dixon.

The study of the fundamentals of nutrition and the use of the diet in maintaining physical fitness.

Open to men and women. Required of majors in vocational education.

10 or 70. **Food Preparation, Preservation and Serving.** Autumn. M. W. Lecture 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Ellsworth.

Special attention is given to the principles of carbohydrate cookery and to food preservation. Family meal service is introduced with the serving of breakfasts. Chemistry 21 is a prerequisite or parallel except on approval of instructor.

11 or 71. **Food Selection, Preparation, and Serving.** Winter M. W., Lecture 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Ellsworth.

Special attention is given to the principles involved in the cookery of protein foods and to experimental methods of cookery. Meal service is continued with the preparation of various types of luncheons to meet family needs. Chemistry 22 is a prerequisite or parallel except on approval of instructor.

12 or 72. Food Selection, Preparation and Serving. Spring. M. W. Lecture, 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Ellsworth.

Principals involved in fat cookery. Meal service is emphasized with the preparation of different type dinners, buffet service, and teas. Chemistry 23 is a prerequisite or parallel except on approval of instructor.

15 or 75. Food Economics. Autumn. T. Th., 10:30 Laboratory in form of field trips. Three hours credit. Dixon.

Food purchasing as affected by markets, advertising, brands, and other factors.

Upper Division Courses

50. Large Quantity Cookery. Autumn, Winter, Spring. Daily, 10:30-1:30. Three hours credit. Dixon.

Practical experience in the preparation of food, management, large quantity marketing, and simple accounting applied to the institutional field. Prerequisites or parallel Foods and Nutrition 10, 11, 12. Limited to six students each quarter. Register in Autumn.

51. Institutional Management. Winter. Time to be arranged. Two or more hours credit. Dixon.

For girls preparing for dietetic training or institutional management.

52. Nutrition of Children. Autumn. M. W. F., 8:30. Three hours credit. Dixon.

Nutritional requirements and feeding problems of pregnancy, infancy, and pre-school child.

53. Nutrition. Autumn. M. W. F., 9:30. Laboratory Th., 2:30-5:30. Four hours credit. Barlow. (Not given this year.)

A study of the chemistry, digestion and metabolism of carbohydrates, fats, and proteins; the effect of food on health and growth. Prerequisites; Chemistry 21, 22, 23, and Foods and Nutrition 10, 11, 12.

54. Dietetics. Winter. M. W. F., 9:30. Laboratory Th., 2:30-5:30. Four hours credit. Barlow. (Not given this year.)

A study of the vitamins and their relation to good health. The food requirements of the individual and the family are considered. Projects in animal experimentation to show effect of different diets are included. Prerequisite: Foods and Nutrition 53.

53. Nutrition in Disease. Spring. M. W. F., 9:30. Laboratory, Th., 2:30-5:30. Four hours credit. Barlow. (Not given this year.)

This course deals with the value of food in maintaining health. Emphasis is placed on special diets for different diseases. Prerequisite: Courses 53 and 54.

56. Readings in Nutrition. Winter, T., 3:30-5:30. Two hours credit. Barlow. (Not given this year.)

Required of all senior girls majoring in Foods and Nutrition.

57. Nutrition Work with Children. Spring. M. W. F., 10:30. Three hours credit. Barlow. (Not given this year.)

Relation of Nutrition to growth and development with special emphasis on nutrition problems of the school child and the adolescent. Recommended for elementary and secondary teachers, men and women.

58. Experimental Animal Nutrition. Open to seniors and graduates only. Johanson.

This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged. Prerequisite: 5 hours in organic or biochemistry and courses 53 and 54.

Graduate Courses

150. Large Quantity Cooking and Marketing. Autumn, Winter, Spring. Daily, 10:30. Five hours credit. Dixon.

153. Nutrition. Autumn. M. W. F.; 9:30. Laboratory, Th., 2:30-5:30. Four hours credit. Barlow. (Not given this year.)

154. Dietetics. Winter. M. W. F., 9:30. Laboratory, Th., 2:30-5:30. Four hours credit. Barlow. (Not given this year.)

155. Nutrition in Disease. Spring. M. W. F., 9:30. Laboratory, Th., 2:30-5:30. Four hours credit. Barlow. (Not given this year.)

156. Readings in Nutrition. Winter. T., 3:30-5:30. Two hours credit. Barlow. (Not given this year.)

HOUSEHOLD ADMINISTRATION

Household Administration 12, 60, 61, 80, 81, 63, 64, 65 are required of all who major in Household Administration. Other additional hours are elective with the advice of the major professor. Chemistry 21, 22, 23 or equivalent required.

Lower Division Courses

1. Household Problems. Autumn. T. Th., 8:30. Two hours credit. Warnick.

This course will present the most important problems in the organization and management of the household.

5. **Introduction to Home Economics.** Autumn. F., 3:30. One hour credit. Warnick and staff.

Designed to orient beginning students in the field of home economics. Vocational opportunities for women trained in home economics are investigated. Required of all freshmen majoring in the department.

10. **Family Health.** Winter. T. Th., 8:30. Two hours credit. Dixon.

A consideration of factors underlying health; methods concerned with the control and prevention of communicable and infectious diseases; home care of the sick.

12 or 62. **Family Relationships.** Spring. M. W. F., 1:30. Three hours credit. Warnick.

The modern family, its functions and structure; modern social conditions affecting its stability and pattern; responsibilities and contributions of members of the family. Analysis of relationships that make for satisfactions in family life.

Upper Division Courses

52, 53, 54. **Interior Decoration.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Larson. Prerequisites: Art 21, 25, 29. (See Art 91,, 92, 93.)

60. **Home Management.** Spring. M. W. F., 8:30. Three hours credit. Warnick.

Analysis of the nature of household tasks and the social and economic contribution made to the family through efficient management of the same. the coordination of household tasks with the personal aspects of family life.

60b. **Home Management House.** Three hours credit. Alleman.
Consists of half-quarter's residence in home management house with actual experience in the purchasing and preparation of foods, meal planning, and service, housekeeping, household records, hospitality, and group relationships. Applications should be made by the end of the winter quarter preceding. Household Administration 60 precedes or parallels this course. (Given alternate summers, beginning 1940.)

61. **Economic Problems of the Family.** Winter. M. W. F., Three hours credit. Warnick.

Study of those economic problems most directly concerning the family of today, discussion of family income, its size, sources, adequacy; income apportionment and expenditure. For men and women students.

63. **The Consumer and the Market.** Winter. M. W. F., 2:30. Three hours credit. Warnick.

An analysis of the economic position of the consumer as a buyer; organization and function of the market, price policies, selling methods in the retail market, retailing activities and their costs, and market control through legislation. Open to men and women students.

64. **Housing Problems of the Modern Family.** M. W. F., 8:30. Three hours credit. Warnick.

The social, economic, and functional aspects of housing: Federal legislation and organizations promoting better housing; the family dwelling from the standpoint of family needs and interests. Open to men and women students.

65. **Equipment.** Spring. M. W. F., 9:30. Three hours credit. Dixon.

A study of electrical and non-electrical equipment for the home. Fundamental factors determining selection and use and care. Open to men and women students.

68. **Psychology of Childhood and Adolescence.** Winter. M. W. F., 8:30. Three hours credit. Poulson. (See Psychology 68.)

69. **Psychology of Personality.** Autumn. M. W. F., 8:30. Three hours credit. Poulson. (See Psychology 69.)

71.* **Philosophy and Historical Development of Home Economics.** Spring. T. Th., 7:30. Two hours credit. Alleman.

The historical development, growth; present scope and trend; objectives of home economics education; its organization and relationship to the present educational set-up.

72.* **Methods of Teaching Home Economics.** Autumn. T. Th. 7:30. Two hours credit. Alleman.

Teaching methods as applied to home economics curriculum content; equipment and teaching facilities; laboratory arrangement and management.

73.* **Special Problems in Teaching Home Economics.** Spring. T., 8:30. One hour credit. Warnick.

For all senior majors who are qualifying for a teaching certificate.

80. **Child Care.** Autumn. T. Th., 1:30. Two hours credit. Warnick.

Problems of parental and infant care; physical and mental standards of development; general care and hygiene of mother and child.

81. **Child Development.** Winter. T. Th., 1:30. Two hours credit. Warnick.

Habit formation and behavior problems of the infant and pre-school child; home influence in the care and training of children; observation of children in the kindergarten and nursery school.

---

* Household Administration 71, 72, 73, fulfill special methods requirements for a vocational education teaching certificate.

82. **Child Development.** Spring. Th., 8:30. Two hours credit Warnick.

Observation and practice with a group of pre-school children; special studies. Prerequisite: Courses 80, 81. One lecture, three hours practice period in nursery or kindergarten.

Graduate Courses

160. **Home Management.** Spring. M. W. F., 8:30. Three hours credit. Warnick.

161. **Economics of the Household.** Winter. M. W. F., 8:30. Three hours credit. Warnick.

164. **Housing Problems of the Family.** Autumn. M. W. F., 8:30. Three hours credit. Warnick.

173. **Special Problems in Teaching Home Economics.** Spring. T. 8:30. One hour credit. Warnick.

180. **Child Care.** T. Th., 1:30. Two hours credit. Warnick.

181. **Child Development.** Winter. T. Th., 1:30. Two hours credit. Warnick.

182. **Seminar in Child Development.** Spring. Th., 8:30. One hour credit. Warnick.

HORTICULTURE AND LANDSCAPE ARCHITECTURE

Professor Shaw, Mr. Smeath.

Students majoring in this department may emphasize either Pomology or Ornamental Horticulture with Landscape Architecture.

HORTICULTURE

Lower Division Courses

1. **Principles of Pomology.** Autumn. Daily, 9:30. Three hours credit. Shaw.

The principles underlying profitable orchard management will be studied.

2. **Truck Crops.** Winter. M. W. F., 8:30. Three hours credit. Smeath.

Fundamental principles underlying the production of vegetable crops.

5. **Herbaceous Plant Materials.** Autumn. T. Th., 8:30. Two hours credit each quarter. Smeath. (Offered in alternate years; given this year.)

Annual, biennial and perennial plants for landscape effects, and for soil erosion control will be studied. Botanical characteristics and cultural methods are considered. Native plants are studied as well as exotics.

6. **Herbaceous Plant Materials.** Spring. T. Th., 8:30. Two hours credit. Smeath. (Offered in alternate years; given this year.

Annual Biennial and perennial plants that flower in the spring are studied as to landscape effect and erosion control.

8. **Trees and Shrubs.** Autumn. T. Th., 8:30 (Laboratory T. 2:30-5:30.) Three hours credit. Smeath. (Offered in alternate years; not given this year.)

Botanical characteristics of native and cultivated plants used for landscape effects and for soil erosion control. Emphasis placed on Autumn and Winter characteristics and effects.

9. **Trees and Shrubs... Spring.** T. Th., 8:30. Laboratory T 2:30-5:30.) Three hours credit. Smeath. (Offered in alter nate years; not given this year.)

Botanical characteristics of native and cultivated trees and shrubs used for landscape effects and for soil erosion control. The student learns to identify a large number of trees and shrubs, and also how to use them to advantage. Spring and summer characteristics and effects emphasized.

11. **Plant Propagation.** Spring. 9:30. M. W. F. Three hours credit. Smeath.

A study of the methods of plant reproduction will be made which will include Greenhouse and Nursery practice.

12. **Plant Propagation Laboratory.** Spring. T. Th., 2:30-5:30. Two hours credit. Smeath.

Laboratory course in Plant Propagation designed to accompany Horticulture 11.

32. **Marketing Fruits and Vegetables...** Winter. M. W. F., 10:30. Three hours credit. Shaw.

This course will deal more specifically with the Fruit and Vegetable products as affected by ordinary marketing procedure. Harvesting, Packing, Transportation and Storage will receive major attention.

40. **Weed Plants and Seeds.** Autumn. T. Th., 2:30 to 5:30. Three hours credit. Shaw.

The important weeds occurring in Utah and their control. Study will be made of the weed seeds likely to occur in commercial seed.

Upper Division Courses

51. **Origin and History of Cultivated Plants.** Winter. T. Th., 8:30. Two hours credit. Smeath. (Offered in alternate years; given this year.)

Study of origin of species and varieties. Changes and adaption of plants. Interesting historical facts of plants.

52. **Systematic Pomology.** Autumn. T. Th., 1:30. (Laboratory F., 2:30 to 5:30.) Two or three hours credit. Shaw.

Emphasis placed on the identification, description, and nomenclature of fruits and fruit trees.

53. **Advanced Pomology.** Winter. M. W. F., 1:30. Three hours credit. Shaw.

A technical course based upon plant physiology and morphology as applied to fruit production.

54. **Morphology of Economic Plants.** Autumn. M. W. F., 10:30. Three hours credit. Shaw.

A technical course in the taxonomy and morphology of horticultural plants.

55. **Orchard Practice.** Spring. Time to be arranged. One hour credit. Shaw.

A study of horticultural problems in Utah. Orchards and plantations will be visited and studied.

56. **Nursery Practice.** Spring. Time to be arranged. One hour credit. Smeath.

The student will be given practical problems of nursery practice. Emphasis on spraying, pruning, and transplanting.

59. **Plant Genetics.** Winter. M. W. F., 9:30. Three hours credit. Smeath.

A study of plant genetics in relation to improvement of plants. Methods of hybridizing and selection as practiced in Europe and America.

60. **Floriculture.** Autumn. M. W. F., 10:30. Three hours credit. (Offered in alternate years; not given this year.)

The production of flowers with special reference to home culture and use.

90. **Plant Chemistry.** Spring. T. Th., F., 1:30. Five hours credit. (Laboratory T. Th., 2:30.) Shaw.

This course will deal with the chemistry of plant compounds as well as with their function in plant metabolism.

91, 92, 93. **Seminar.** Autumn, Winter, Spring. One hour credit. each quarter. Shaw and Smeath.

Current horticultural literature will be reviewed. For seniors majoring in horticulture.

96. **Special Problems in Horticulture.** Autumn, Winter, Spring. Credit and subject matter to be arranged. Shaw, and Smeath.

Graduate Courses

102, 103, 104. Research. Autumn, Winter, Spring. Time and credit to be arranged.

153. Advanced Pomology. Winter. M. W. F., Three hours credit. Shaw.

154. Morphology of Economic Plants. Winter. M. W. F., Three hours credit. Shaw.

190. Plant Chemistry. Spring. T. Th. F., 1:30. Five hours credit. Laboratory T. Th., 2:30.

191, 192, 193. Seminar. One hour credit each quarter. Shaw.

196. Special Problems in Horticulture. Autumn, Winter or Spring. Credit and subject matter to be arranged. Shaw.

LANDSCAPE ARCHITECTURE

1. Elementary Landscape Architecture. Autumn and Spring. M. W. F., 8:30. Three hours credit. Smeath.

This course is designed to fit the needs of all students. Principles of design and composition as applied to landscape architecture with emphasis on home ground developments. A foundation to all courses in landscape architecture.

2. Elements of Drawing. Autumn, Winter, or Spring. Daily. 9:30 or 10:30. Two hours credit. Snell. (See Drawing 2.)

21. History and Literature of Landscape Architecture. Winter. M. W. F., 8:30. Three hours credit. Smeath.

Contributions of various civilizations from ancient Egypt to the present will be discussed. Emphasis on Italian Renaissance, English, French, and American styles.

24. Landscape Design. Autumn. M. W. F., 2:30-5:30. Three hours credit. Smeath.

The design of gardens and private grounds on flat surfaces. A fundamental course to all landscape design. Prerequisites: courses 1 and 2.

25. Landscape Design. Winter. M. W. F. Three hours credit. Smeath.

Designing land surfaces to fit the setting. Private and public grounds considered. (Prerequisite: course 24.)

Upper Division Courses

51. Planting Design. Autumn. T. Th., 2:30-5:30. Two hours credit each quarter. Smeath.

Planting plans for gardens and grounds studied in 24, will be made. Plant compositions emphasized. Prerequisites: courses 5, 6, 8, 9, 24 and 25.

53. **City Planning.** Winter. M. W. F., 10:30. Three hours credit. Smeath. (Offered in alternate years; not given this year.)

    The history of various types of city plans; advantages and disadvantages. Appreciation of community development. Emphasis on Salt Lake City, Washington, D. C., and Paris.

JOURNALISM

Associate Professor Culmsee; Professors J. M. Jensen, Pardoe, Hales; Associate Professor Morley; Assistant Professor E. M. Jenson; Mr. Smith, Mr. Gaeth, Mr. Taylor.

English 1, 2, and 3 are prerequisites for all courses in Journalism except Courses 1, 7, 10, 11, 12, 13, 14, 15, 16, and 26, which may be taken in connection with Freshman English.

The Departmental Major

Students who elect to major in Journalism must present thirty hours of credit in Journalism and twenty-one hours in English in addition to Freshman English. The following courses are required: Journalism 7, 11, 12, 13, 21, 22, 51, 52, 55, 56, 70.

The following are suggested as minors for students who major in Journalism: Accounting and Business Administration, Art, Economics, History, Office Practice, Political Science, Sociology.

The "Teaching Major" in Journalism

Students who elect a "teaching major" in Journalism must complete thirty hours in Journalism, including the courses required for the departmental major, plus Journalism 65 and 87; twenty-five hours in English, including the following courses besides nine hours of Freshman English: English 11, 15, 16, 82, 97; and ten hours in Speech, including Speech 3, 4, 58, and four hours chosen from upper division Speech courses.

Lower Division Courses

1. **Introduction to Journalism.** Autumn. T. Th., 8:30. Two credit hours. Smith.

   A study of the vocational and cultural aspects of Journalism.

7. **Ethics of Journalism.** Spring. T. Th., 10:30. Two credit hours. Culmsee.

   The moral aspects of Journalism — ideals and abuses.

10. **Problems of Citizenship.** Autumn. Daily, 1:30. Five credit hours. Gaeth. (See Political Science 1.)

11, 12, 13. **Campus Reporting.** Autumn, Winter, Spring. M., 3:30. One credit hour each quarter. Smith. Limited to members of Y News staff. Prerequisite, consultation with instructor.

14, 15, 16. **Commercial Art.** Autumn, Winter, Spring. One or two credit hours each quarter. E. M. Jenson. (See Art 14, 15, 16.)

21. **News and Newswriting.** Autumn. M. W. F., 8:30. Three credit hours. Smith.

A study of what constitutes news, and practice in gathering and writing news copy. Ability to operate a typewriter in necessary.

22. **Editing and Makeup.** Winter. M. W. F., 8:30. Three credit hours. Smith. Prerequisite: Journalism 11.

26. **Photography.** Spring. Lectures M. W. F., 7:30. Laboratory time to be arranged. Four credit hours. Hales: (See Physics 26.)

27. **News Photography.** Autumn. Lecture T., 7:30. Two credit hours. Laboratory time to be arranged. Smith and photography staff. Prerequisite: Journalism 26 and consultation with instructor. (Not given this year.)

Lectures on the principles of press photography, and laboratory exercises in the use of photographic equipment for the taking and developing of news pictures.

Upper Division Courses

(Not available to Freshmen.)

51. **Editorials and Editorial Writing.** Winter. T. Th., 9:30. Two credit hours. J. M. Jensen. A study of the editorial and practice in writing it.

52. **Special Feature Articles.** Winter. M. W. F., 10:30. Three credit hours. Smith. Prerequisite: Journalism 11, or permission of instructor.

Study of newspaper and magazine special feature articles; types, and sources. Help will be given in planning and marketing articles.

64. **Book Reviewing.** Autumn. T. Th., 8:30. Two credit hours. J. M. Jensen. Prerequisite, Journalism 11 or English 12.

A study of current books, both fiction and non-fiction, and practice in reviewing them.

55, 56. **History of Journalism.** Autumn, Winter. M. W. F., 9:30. Three credit hours each quarter. Culmsee.

The beginnings of journalism, the development of the English as well as the American press and the growth of

American journalism to the present. A brief treatment of Utah journalism will conclude the course.

57. **Short Story Writing.** Autumn. T. Th., 9:30. Two credit hours. (Not given this year.)

The greater part of the student's time is given to practice in writing short stories.

58. **Radio Broadcasting.** Autumn or Spring. M. W., 3:30. Two credit hours. Pardoe, Morley, and staff. (See Speech 58.)

59. **Advertising.** Spring. Daily, 9:30. Five credit hours. Taylor. (See Marketing 59.) Arrangements for Journalism majors to enter this course must be made through the Department of Journalism.

60. **Problems of the Weekly Paper.** Spring. T. Th., 2:30. Two credit hours. Culmsee. Prerequisites: Journalism 11, 12.

The country weekly, its place in American life, and its possibilities. Conferences are arranged with editors of weeklies.

61, 62, 63. **Commercial Art.** Autumn, Winter, Spring. Two to four credit hours each quarter. E. M. Jenson. (See Art 61, 62, 63.)

65. **Publicity.** Spring. M. W. F., 8:30. Three credit hours. Smith. Prerequisite: Journalism 21.

A study of the approach to the public consciousness through the newspaper, the lecture, the radio address; the purpose and methods of publicizing.

70. **City Reporting.** Winter or Spring. T., 3:30. Four credit hours. Smith. Prerequisite: Journalism 21 or consultation with instructor.

Methods of gathering and reporting news. Students will gather news in the regular channels in the city of Provo and will have experience in reporting for the daily press.

76. **Advanced Photography.** Spring. Lecture, T., 7:30. Laboratory time to be arranged. Two credit hours. Hales. (See Physics 76.)

87. **Teaching of Journalism.** Spring. T. Th., 4:30. Two credit hours. Culmsee.

Designed for Journalism majors and English majors who expect to teach in high school. It includes problems of supervision.

91, 92, 93. **Special Studies in Journalism.** Autumn, Winter, Spring. Time to be arranged. One or two credit hours each quarter. Culmsee.

Designed to meet special needs of students, these studies afford opportunities to do research in the history of journalism, newspaper practice, etc.

95. Trends in American Thought. Autumn. M. T. W. Th., 2:30. Four credit hours. Culmsee.

Principal currents in national thought from the seventeenth century to the present, as reflected in journalism and literature.

97, 98, 99. Recent Social Trends. (See Sociology 97, 98, 99.) Two credit hours each quarter.

LIBRARY

Miss Ollorton, Mrs. Brown, Miss Rich

11. Use of Books and Libraries. Autumn, Winter or Spring. Th., One hour credit.

The purpose of this course is to help students to become efficient in using books and libraries. The use of reference books and an understanding of the card catalogue will receive special emphasis.

MATHEMATICS

Professors Eyring, Marshall, Hales; Mr. Allred

Students who major in Mathematics have the following courses prescribed: Mathematics 11, 12, 13, 50, 51, 52, 71. A teaching major is the same as Department major. Mathematics 1 may not be included in the major or minor requirements.

Lower Division Courses

1. Algebra. Autumn. Daily, Sec. 1, 8:30; Sec. 2, 2:30. Five hours credit. Allred.

Review of elementary algebra, quadratic equations, ratio and proportion, progressions, binomial theorem, etc. Prerequisite: One year of high school algebra.

11. College Algebra. Autumn and Winter. Daily, 8:30. Five hours credit. Marshall and Hales.

Prerequisite: Mathematics 1, or its equivalent.

12. Plane Trigonometry. Winter. Daily. Sec. 1, 8:30; Sec. 2, 2:30. Five hours credit. Allred.

13. Analytic Geometry. Spring. Daily, 8:30. Five hours credit. Allred.

A study of rectangular co-ordinates, straight line, circle, parabola, ellipse, hyperbola, transfer of co-ordinates, etc. Prerequisites: Mathematics 11 and 12.

34. Commercial Algebra. Autumn. M. W. F., 2:30. Three hours credit. Eyring.

A review and drill in the essentials of algebra and the application of it to commercial problems.

35. **Mathematical Theory of Investments.** Winter. M. W. F., 2:30. Three hours credit. Eyring. (See Accounting and Business Administration 35.) Prerequisite, Mathematics 34 or equivalent.

Application of algebra to general business problems such as annuities, amortization, capitalization, depreciation, sinking fund, bond values, and building and loan associations.

36. **Graphical and Statistical Methods.** Spring. M. W. F., 2:30. Three hours credit. Eyring. (See Accounting and Business Administration 36.)

The graphical representation of data, method of averages, measurement of variability, correlation, probable errors, etc.

Upper Division Courses

50. **Differential Calculus.** Autumn. M. T. W. Th., 9:30. Four hours credit. Marshall.

An introductory course with numerous applications of the principles of tracing of curves, and the solution of problems from geometry and mechanics. Prerequisite: Mathematics 13:

51. **Integral Calculus.** Winter. M. T. W. Th., 9:30. Four hours credit. Marshall.

The purpose and nature of integration is developed, Principles applied to problems in geometry, mechanics, and physics.

52. **Integral Calulus.** Spring. M. T. W. Th., 9:30. Four hours credit. Marshall.

Development of the definite integral as a sum, together with development of the more theoretical aspects of the differential calculus.

71. **Differential Equations.** Autumn. Daily, 8:30. Five hours credit. Eyring.

Differential equations of the first order, linear differential equations, total and partial differential equations with numerous applications to physics. Junior or senior year. Prerequisite: Mathematics 52.

81. **Theoretical Mechanics.** Winter. Daily, 8:30. Five hours credit. Eyring.

Fundamental principles of mechanics and their applications to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

Graduate Courses

101. **Vector Analysis.** Winter. M. W. F. Three hours credit. Marshall. (Not given this year.)

Fundamental operations of vector analysis.

102. **Vector Analysis.** Spring. M. W. F. Three hours credit. Marshall. (Not given this year.)

Application of vector analysis to mechanics, electromagnetic theory, and other branches of mathematical physics.

105. **Advanced Calculus.** Autumn. Daily, 8:30. Five hours credit. Marshall. (Not given this year.)

A review of the fundamental theory of the calculus presented with a view to precision of statement and accuracy of proof. Prerequisite: Mathematics 72.

106. **Advanced Calculus.** Winter. Daily, 8:30. Five hours credit. Marshall. (Not given this year.)

Theory of differential equations, study of simple integrals, multiple integrals, and infinite integrals.

107. **Advanced Calculus.** Spring. Daily, 8:30. Five hours credit. Marshall. (Not given this year.)

Study of some classes of functions defined by integrals; introduction to calculus of variations, and theory of functions.

Note: Courses 105, 106, and 107 will follow an outline somewhat as given in Wood's "Advanced Calculus."

171. **Differential Equations.** Autumn. Daily, 8:30. Five hours credit. Eyring.

192. **Readings in Mathematics.** Credit, one to three hours, depending on the work done. Marshall and Hales.

200. **Thesis in Mathematics.** Credit to be arranged.

MECHANIC ARTS

Professors Snell, Hansen, Larsen; Mr. Bigelow

Credit in shop courses in Mechanics is given on the basis of three hours for nine hours application each week during the quarter.

MECHANICS

Lower Division Courses

1. **Art Metal Work.** Winter. M. W. F. Two hours credit. Snell. Prerequisite: Drawing 1.

2. **Art Leather Work.** Spring. M. W. F. Two hours credit. Snell. Prerequisite: Drawing 1.

4. **Shop Practice.** Autumn. Daily, 1:30-3:30. Three hours credit. Snell.

The making of projects suitable for junior and senior high school instruction in sheet metal, cold iron, and electrical lighting circuits, buzzers, bells, heating elements, etc.

5. **Ornamental Iron Work.** Autumn. T. Th., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

   Craftsmanship in wrought iron work. Designing, cutting, sawing, bending, drilling, tapping, threading, finishing, etc. Lectures and outside preparation.

6. **General Construction.** Autumn, Winter, Spring. Daily, 1:30-3:30 or 3:30-5:30. Three hours credit. Snell.

   Review of tool processes and tool sharpening, survey of common building materials, billing and ordering, cement forming and framing applied in simple structures.

7. **Tool Technique.** Autumn, Winter, Spring. M. W. F., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

   Required of all mechanics majors. Sharpening, care and use of woodworking hand tools, applied in fundamental principles of sawing, joining, fitting, fastening, etc.

11. **Elementary Auto Mechanics.** Autumn. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

    Construction of the automobile and an elementary study of the principles involved . Lubrication, assembling and repairing of brakes, rear axles, transmission systems and engines.

12. **Elementary Auto Mechanics.** Winter. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

    Construction and adjustment of carburetors and ignition system.

13. **Elementary Auto Mechanics.** Spring. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

    Ignition, timing, "trouble shooting," battery work and starting and lighting systems.

17. **Wood Turning.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

    Exercises and projects in wood turning executed through individual designs.

18. **Pattern Making.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

    The principles of pattern making are taught through the making of simple patterns for machine parts.

19. **Wood and Metal Finishing.** Autumn, Winter, Spring. M. W. F., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

    Preparation of surfaces for the application of finishes. Staining, painting, varnishing, lacquering, polishing, etc. Use of the brush and air gun.

21. **Upholstering and Seat Weaving.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Typical forms of upholstery, including foundations with and without springs. Seat and panel weaving with cane and fiber.

23. **Cement.** Spring. Daily, 2:30-5:30. Three hours credit. Snell.

Cement, mixes, tests, forming, finishing, etc., in structural and ornamental projects.

27. **Cabinet Construction.** Autumn. Daily or M. W. F., 1:30-3:30, 3:30-5:30. Two or three hours credit. Snell.

Drawings are submitted and the article is made to conform to these. Woods commonly used in cabinet work are studied as to their adaptability and finishing qualities; veneering, inlaying and polishing.

28. **Cabinet Construction.** Winter. Daily or M. W. F., Snell.

Continuation of 27.

29. **Cabinet Construction.** Spring. Daily or M. W. F., 1:30-3:30. Snell.

Continuation of 28.

Upper Division Courses

51. **Ignition.** Autumn. Daily, 3:30-5:30. Two or three hours credit. Bigelow.

Battery and magneto ignition. Study and practice of the principles involved in testing for troubles and making adjustments.

52. **Generators and Starting Motors.** Winter. Hours and credits as in 51. Bigelow.

The working principles of the dynamo, and testing for shorts and open circuits. Reverse current cutouts, types of generator regulation as third brush control systems and generator output.

53. **Machine Work and Welding.** Spring. Hours and credit the same as in 51. Bigelow.

Drill-press, lathe, and planer work. Principles of cutting tools, forging and tool sharpening. The use of the torch in cutting and welding.

57. **Standard Construction Methods.** Autumn. M. W. F., 8:30. Three hours credit. Snell.

This course deals with the theoretical side of building. Location, soil conditions, footings, materials, equipment, etc. (Not given this year.)

58. **Carpentry.** Autumn, Winter, Spring. Daily. 3:30-5:30. Three hours credit. Snell.

Thorough drill in saw filing. Total practice applied in practical problems. Fitting and hanging doors and windows, built-in cabinets, stair construction and framing. Prerequisite: Course 7, and Drawing 13.

59. **Estimating.** Spring. M. W. F., 8:30. Three hours credit. Snell.

Interpretation of plans and specifications. Methods of estimating and figuring costs of material and labor. Permits, contracts, liens. Prerequisite: Drawing 13. (Not given this year.)

64. **Mill Work—Woodworking Machinery.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Work will be handled as nearly as possible as in actual practice. Estimates and working drawings will be made and a careful check of material and labor kept and computed for each job.

65, 66, 67. **Shop Work.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Advanced work, consisting of the erection of buildings cabinet work, upholstering, pattern work, or novelty work Prerequisites: Courses 57, 58, 59, or their equivalent.

DRAWING

While courses are listed according to quarters, any course may be taken any quarter, provided prerequisites have been met.

Lower Division Courses

1. **Theory and Practice of Design.** Autumn. M. W. F., 1:30. Two hours credit. Larsen. (See Art 21.)

2. **Elements of Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

This course is designed to give facility in lettering, drawing of simple working drawings, charts, graphs, making sketches and reading drawings.

3. **Free-hand Lettering.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Practice in lettering as applied in architectural and engineering office work.

4. **Engineering Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. One to three hours credit. Snell.

The care and use of instruments, lettering, applied geometry, and orthographic projection.

5. **Engineering Drawing.** Autumn. Winter, Spring, Daily, 9:30 or 10:30. One to three hours credit. Snell.

   Pictorial representation, developed surfaces, intersections, and working drawings. Prerequisites: Drawing 4 or equivalent.

6. **Descriptive Geometry.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. One to three hours credit. Snell.

   A study of the principles relating to the point, line plane, cylinder, cone and double-curved surfaces of revolution, with application to practical problems. Prerequisites: Drawing 4 and 5.

8. **Elementary Machine Design.** Autumn. Daily, 9:30 or 10:30. Two hours credit. Snell.

   Drawing of machine fastenings, such as bolts, screws, rivets, keys, etc. Dimensionings, working drawings and technical sketching. Detail and blueprints. Prerequisites: Drawing 4, 5, 6.

9. **Elementary Machine Design.** Winter. Daily, 9:30 or 10:30. Two hours credit.

   Continuation of 8.

10. **Shades and Shadows.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

    Planned to give fundamental knowledge necessary for casting shadows in architectural design.

11. **Instrumental Perspective.** Autumn, Winter, or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

    The theory and application of methods of drawing architectural perspectives.

12. **Rendering.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

    Wash rendering practice plates and rendering of architectural elements.

13. **Architectural Drawing.** Autumn Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

    Drawing of plans, elevations, and details of different types of buildings. Tracing and blue-printing. Prerequisites: Drawing 4, 5 and 6, or equivalent.

14. **Architectural Drawing.** Winter Daily, 9:30 or 10:30. Two hours credit.

    Continuation of 13.

15. **Architectural Drawing.** Spring. Daily, 9:30 or 10:30. Two hours credit.

    Continuation of 14.

19. **Topographical Drawing.** Autumn, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Practical elementary work in topographical drawing Mapping and plotting from field notes.

26, 27, 28. **Architectural Design.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Extra laboratory period arranged any afternoon. Two or three hours credit each quarter. Snell.

A series of order problems involving the study of the principles of composition. Problems similar to Class B Analytiques of the Beaux-Arts Institute of Design will be followed. Prerequisites: Drawing 6, 10, 11, 12.

30. **Mechanism.** Autumn, Winter or Spring. Daily, 9:30-10:30. Three hours credit.

A study of mechanical movements, including transmission of motion by link work, gearing, cams, and belting.

Upper Division Courses

51, 52, 53. **Architectural Design.** Autumn, Winter, Spring. Daily, 9:30-10:30. Extra laboratory periods arranged any afternoon. Three hours credit each quarter. Snell.

Designing, rendering, detailing, tracing, and blue-printing. A complete set of plans with one display drawing each quarter. Prerequisites: Drawing 16, 17 and 18.

ENGINEERING

Lower Division Courses

40, 41, 42. **Elementary Surveying.** Autumn, Winter, Spring. M. W. F., Two hours credit each quarter. Prerequisites: Trigonometry and Drawing 4, 5, 6.

Methods of using the compass, tape, level and transit in making plain surveys, differential leveling, profile and cross-section work, curves, grades, computations, and platting.

Upper Division Courses

63. **Geology of Ground Water.** Daily, 8:30. Five hours credit. (See Geology 92.) Dennis.

MODERN AND CLASSICAL LANGUAGES

Professors Cummings, De Jong, Sperry; Associate Professor Swensen; Assistant Professors Black, Roberts; Miss Osmond, Mr. Lee, Mr. Valentine, Mr. Bingham.

The department offers in French, Spanish, German and Latin programs leading to a teaching minor and a teaching major; and, in French and German, graduate programs leading to a Master of Arts degree. Students specializing in this field are advised to offer two units of high school work in the chosen language. Graduate majors are advised to offer Latin.

If the department's recommendation for teaching is desired, courses above 50 totaling twenty hours including Phonetics 42, are required for a minor; courses above 50, totaling 30 hours, including Phoenetics 42, are required for a major. English 29 is recommended.

For a Master of Arts degree in French, Spanish or German, 40 hours of undergraduate work in the language is prerequisite. The following requirements are made: 1. The passing of a qualifying examination in the language and literature to be studied as well as in the field of general culture. 2. The satisfactory completion of at least 24 hours of work in the chosen language. 3. A final written examination on this work. 4. The oral examination given under the direction of the Graduate School. 5. Courses covering the general field of literature and elementary philolophy. 6. A satisfactory thesis either in the field of philology or of literature.

ROMANIC LANGUAGES

FRENCH

Lower Division Courses

1, 2, 3. **First Year French.** Autumn, Winter, Spring. Daily, 8:30. Lee; 9:30, Osmond; and 1:30, Cummings. Five hours credit each quarter.

Designed for those who have had no French. Pronunciation, reading, the fundamentals of grammar and the building of a substantial reading vocabulary.

Upper Division Courses

51, 52, 53. **Second Year French Grammar and Composition.** Spring. Daily. Five hours credit. Lee. (52 and 53 not given this year.)

Review of grammar. Conversation and composition. Prerequisite: French 3 or two units of French in high school.

54, 55, 56. Second Year French Reading. Autumn, Winter, Spring. M. W. F., 8:30. Three hours credit each quarter. Osmond.

The various language skills, viz., reading, understanding, speaking and grammar. Reading both intensive and extensive. Prerequisite: French 1, 2, 3, or two units of French in high school.

57, 58, 59. Second Year French Reading. Autumn, Winter, Spring. Daily. 2:30. Five hours credit each quarter. Lee. (59 not given this year.)

The various language skills, viz., reading, understanding, speaking and grammar. Reading both intensive and extensive. Prerequisite: French 1, 2, 3 or two units of French in high school.

61, 62, 63. Third Year French Composition and Conversation. Spring. Daily, 10:30. Five hours credit. Cummings. (61 and 63 not given this year.)

Prerequisite: Thirty hours of French or the consent of the instructor.

64, 65, 66. Third Year French Reading. Autumn, Winter, Spring. T. Th., 9:30. Five hours credit each quarter. Lee. (Not given this year.)

Basic tests for intensive classroom study and an abundance of reading from standard French literature to be done outside the class and reported. Prerequisite: At least 24 hours credit or equivalent of French.

73, 74. Introduction to French Literature and Culture. Autumn, Winter, 10:30. Five hours credit each quarter. Cummings.

A general view of the literary periods, movements, and social background, with representative readings. Prerequisites: Thirty hours of French or the consent of the instructor.

81, 82, 83. Fourth Year French Composition. Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Cummings. (Not given this year.)

Graduate Courses

145. French Romanticism. Winter. T. Th., 3:30. Three hours credit. Roberts. (Not given this year.)

148. French Criticism. Autumn. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)

153. Voltaire. Spring. T. Th., 11:30. Three hours credit. Osmond. (Not given this year.)

155. Victor Hugo. Spring. T. Th., 3:30 Three hours credit. Roberts. (Not given this year.)

161, 162, 163. French Classical Drama. Autumn, Winter, Spring. T. Th., 3:30. Two hours credit each quarter. Roberts. (Not given this year.)

164. French Drama from 1800 to the Present. Winter, M. W. F., 3:30. Three hours credit, Cummings. (Not given this year.)

167. French Novel from 1800 to the Present. Spring. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)

171. Old French Literature. Spring. M. W. F., 2:30. Three hours credit. Osmond.

172. French Literature of the Ranaissance. Winter. T. Th., 11:30. Three hours credit. Osmond. (Not given this year.)

173. 174, 175. French Literature of the Seventeenth, Eighteenth and Nineteenth Centuries. Autumn. Winter, Spring. M. W. F., 10:30. Three hours credit each quarter. Cummings.

181, 182, 183. Fourth Year French Composition. Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Cummings.

192. Introduction to Romance Philology. Autumn. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)

193, 194, 195. History of the French Language. Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit each quarter. Cummings.

A survey of the development of French from its origins in Popular Latin. Introduction to Old French and to French Historical Grammar and Etymology. For graduate students only. Prerequisite to French 171.

197. French Phonetics. Winter. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)

200. Research for Master's Thesis.

SPANISH

Lower Division Courses

1, 2, 3. First Year Spanish. Autumn, Winter, Spring. Daily, 9:30. Five hours credit each quarter. Valentine.

Designed for those who have not had Spanish. Pronunciation, reading, and the fundamentals of grammar. Special emphasis on the building of a substantial reading vocabulary.

Upper Division Courses

51, 52, 53. Second Year Spanish Grammar and Composition. Spring. Daily, 2:30. Five hours credit. Valentine. (51 and 53 not given this year.)

Review of grammar. Composition and conversation. Prerequisite: Spanish 3 or two units in high school.

54, 55, 56. Second Year Spanish Reading. Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. Valentine. (Not given this year.)

The various language skills, viz., reading, understanding, speaking, grammar. Reading intensive and extensive. Prerequisite: Spanish 3, or fifteen hours of Spanish or two units of Spanish in high school.

57, 58, 59. Second Year Spanish Reading. Autumn, Winter, Spring. Daily, 1:30. Five hours credit each quarter. Valentine. (Not given this year.)

The various language skills, viz., reading, under standing, speaking, grammar. Reading intensive and extensive. Prerequisite: Spanish 3 or two units of Spanish in high school.

61, 62, 63. Third Year Spanish Composition and Conversation. Autumn. Daily, 2:30. Five hours credit. Valentine. Prerequisite: Thirty hours of Spanish. (62, 63 not given this year.)

64, 65, 66. Third Year Spanish Reading. Spring. M. W. F., 3:30. Five hours credit. Valentine. 65, 66 not given this year.)

Basic texts for intensive classroom study and an abundance of reading from standard Spanish literature to be done outside the class and reported. Prerequisite: At least twenty-four hours credit or the equivalent of Spanish.

73, 74, 75. Introduction to Spanish Literature and Culture. Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit each quarter. Valentine. (Not given this year.)

A general view of the literary periods, movements and social background, with representative readings. Prerequisite: thirty hours of Spanish or the consent of the instructor.

Graduate Courses

147, 148, 149. Spanish American Literature. Spring. M. W. F., hour to be arranged. Three hours credit each quarter. Cummings.

164. Spanish Drama. Autumn, M. W. F., hours to be arranged. Three hours credit. Cummings.

167. Spanish Novel. Winter. M. W. F., hour to be arranged. Three hours credit each quarter. Cummings.

173, 174, 175, 176. Spanish Literature of the Seventeenth, Eighteenth, Nineteenth and Twentieth Centuries. Autumn, Winter, Spring, M. W. F., hours to be arranged. Three hours credit each quarter. Cummings.

181, 182, 183. Fourth Year Spanish Composition. Autumn, Winter, Spring. M. W. F., 4:30. Three hours credit each quarter. Cummings.

193, 194, 195. History of the Spanish Language. Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit each quarter. Cummings.

A survey of the development of the Spanish language from its origins in Popular Latin. Introduction to Old French and Spanish historical Grammar and Etymology. For graduate students only.

ITALIAN

Lower Division Courses

1, 2, 3. First Year Italian. Autumn, Winter, Spring. Daily. Five hours credit each quarter. Cummings. (Not given this year.)

Special attention to accurate pronunciation for the benefit of students of music and art for whom Italian has special interest and value. Grammar and easy reading carefully graded.

Upper Division Courses

54, 55, 56. Second Year Italian Reading. Autumn, Winter, Spring. Three hours credit each quarter. Cummings. (Not given this year.)

Reading intensive and extensive. Prerequisite Italian 3.

GERMANICS

Lower Division Courses

1, 2, 3. First Year German. Autumn, Winter, Spring. Daily. Sec. 1, 8:30, Bingham; Sec. 2, 9:30, De Jong, and Sec. 3, 10:30, Osmond. Five hours credit each quarter.

Designed for those who have had no German. Pronunciation, reading and the fundamentals of grammar, the building of a substantial reading vocabulary.

Upper Division Courses

51, 52, 53. Second Year German Grammar and Composition. Autumn, Winter, Spring. Daily, 8:30. Five hours credit each quarter. De Jong.

Review of grammar. Composition and conversation. Prerequisite: German 3 or two units of German in high school.

54, 55, 56. Second Year German Reading. Autumn, Winter, Spring. M. W. F., Three hours credit each quarter. Bingham.

Comprehensive study of grammar. Conversation and composition. Reading from the general field. Prerequisite: German 3 or fifteen hours of German, or two units of German in high school.

57, 58, 59. Second Year German Reading. Autumn, Winter, Spring. Daily, 8:30. Five hours credit each quarter. De Jong.

The various language skills, namely, reading, understanding, speaking, grammar. Reading intensive and extensive. Prerequisites: German 3 or two units of high school German.

61, 62, 63. Third Year German Composition and Conversation. Autumn, Winter, Spring. T. Th., 3:30. Five hours credit each quarter. De Jong. Prerequisite: Twenty-four hours of German or the consent of the instructor. (62 and 63 not given this year.)

64, 65, 66. Third Year German Reading. Autumn, Winter, Spring. T. Th., 2:30. Two hours credit each quarter, De Jong.

Basic texts for intensive classroom study and an abundance of reading from standard German literature to be done outside the class and reported. Prerequisite: At least twenty-four hours credit or the equivalent.

73, 74, 75. Introduction to German Literature and Culture. Autumn, Winter, Spring. M. W. F., 3:30. Five hours credit each quarter. De Jong.

A general view of the literary periods, movements, and social background, with representative readings. Prerequisite: Thirty hours of German or the consent of the instructor.

81, 82, 83. Fourth Year German Composition. Autumn, Winter, Spring. T. Th., 1:30. Three hours credit each quarter. De Jong. (Not given this year.)

Graduate Courses

151. Lessing. Autumn. M. W., 4:30. Two hours credit. De Jong.

152. Schiller. Winter. M. W., 4:30. Two hours credit. De Jong.

153. Goethe. Spring. M. W., 4:30. Two hours credit. De Jong.

154. Kleist and Grillparzer. Autumn. M., 4:30. Two hours credit. De Jong. (Not given this year.)

155. Hebbel and Ludwig. Winter. M., 4:30. Two hours credit. De Jong. (Not given this year.)

156. Hauptmann and Sudermann. Spring. M., 4:30. Two hours credit. De Jong. (Not given this year.)

164. German Drama from 1800 to the Present. Three hours credit. De Jong. (Not given this year.)

167. German Novel from 1800 to the Present. Three hours credit. De Jong. (Not given this year.)

173, 174, 175. History of German Literature. Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit each quarter. De Jong.

181, 182, 183. Fourth Year German Composition. Autumn, Winter, Spring. T. Th., 1:30. Two hours credit each quarter. De Jong.

192. Gothic. Autumn. M. T. W. Th., 4:30. Four hours credit. De Jong.

Introduction to the study of Gothic. General introduction to Germanic Philology. Reading from the Gothic Bible.

193. Old High German. Winter. M. T. W. Th., 4:30. Four hours credit. De Jong.

194. Middle High German. Spring. Time to be arranged. Four hours credit. De Jong.

Reading of selected Middle High German texts.

200. Research for Master's Thesis.

CLASSICS

LATIN

Lower Division Courses

1, 2, 3. First Year Latin. Autumn, Winter, Spring. Daily. 9:30. Five hours credit each quarter. Lee.

Designed for those who have had no Latin. Mastery of pronunciation, declensions and conjugations. Correlation of Latin originals with English derivatives. Graded reading. Characteristics of Roman civilization.

Upper Division Courses

54, 55, 56. Advanced Latin. Autumn, Winter, Spring. Daily, 10:30. Five hours credit each quarter. Black.

A comprehensive study of grammar, Composition. A continuation of the study of the influence of Latin on English. Readings from the classics. Prerequisites: Latin 3 or two years of high school Latin. Thirty hours of Latin is accepted as a major in Latin.

GREEK

Upper Division Courses

51, 52, 53. Elementary Greek. Autumn, Winter, Spring. M. W. F. Time to be arranged. Three hours credit each quarter. Swensen.

Drill in fundamentals of grammar. Development of vocabulary with correlations with English derivatives. Graded readings from the Greek New Textament.

54, 55, 56. Second Year Greek. Autumn, Winter, Spring. M. W. F. Time to be arranged. Three hours credit each quarter. Swensen.

Drills in the fundamentals of classical Greek syntax and grammar. Readings from Xenophon and the discourse materials of the Greek New Testament. Prerequisite: Greek 51, 52, 53.

57, 58, 59. Elementary Modern Greek. Autumn, Winter, Spring. M. W. F., 8:30. Three hours credit each quarter. Swensen.

A study of Greek as a living language. Pronounciation, elementary grammar, and graded readings. Special attention to English derivatives.

60, 61, 62. Second Year Modern Greek. Autumn, Winter, Spring. Time to be arranged. Three hours credit each quarter. Swensen.

Advanced grammar and reading in the various types of Modern Greek literature. Prerequisite: Greek 57, 58, 59.

SEMITICS

The following courses in Biblical languages are offered. They carry religious credit and fulfill the language requirement for the A. B. degree.

HEBREW

51, 52, 53. Elementary Hebrew.. Autumn, Winter, Spring. Daily, 1:30. Five hours credit each quarter. Sperry.

The elements of Hebrew grammar are thoroughly treated. Several elementary Hebrew books are read followed by intensive drill in the Old Testament.

54, 55, 56. Intermediate Hebrew. Autumn, Winter, Spring. M. W. F., 10:30. Three hours credit each quarter. Sperry.

This course consists of advanced grammar and readings from Genesis, Deuteronomy, Samuel, Kings, and certain of the Minor Prophets.

64, 65, 66. Advanced Hebrew. Autumn, Winter, Spring. T. Th. Time to be arranged. Two hours credit each quarter. Sperry.

This course consists of Hebrew syntax and selected readings from the Prophets and the Hebrew Wisdom Literature.

ARAMAIC

51, 52, 53. Biblical Aramaic and the Targums. Autumn, Winter, Spring. T., 8:30. One hour credit each quarter. Sperry.

Prerequisite: Hebrew 51, 52, 53.

SYRIAC

51, 52, 53. Elementary Syriac. Autumn, Winter, Spring. T. Th., 2:30. Two hours credit each quarter. Sperry.

Prerequisites: Hebrew 51, 52, 53. Elements of the grammar and readings from the Syriac New Testament.

54, 55, 56. Intermediate Syriac. Autumn, Winter, Spring. Th. 8:30. One hour credit each quarter. Sperry.

Advanced grammar and readings from the Syriac Old and New Testaments and other church literature.

AKKADIAN

51, 52, 53. Elementary Akkadian. Autumn, Winter, Spring. W. F., 2:30. Two hours credit each quarter. Sperry.

In this course the student masters most of the ordinary signs and acquires a good knowledge of the grammar. At least two years of Hebrew are prerequisite to this course or consent of instructor.

LINGUISTICS

Lower Division Course

42. Practical Phonetics. Autumn or Winter. M. W. F., 1:30. Three hours credit. De Jong.

The elementary principles of speech mechanics in their relation to correct diction. This course correlates with courses in the Modern Languages, Speech, and Vocal Music. Should precede Linguistics 91.

Upper Division Courses

91. Introduction to Linguistics. Spring. M. W. F., 1:30. Three hours credit. De Jong.

An introduction to the science of language. An account of the nature of language, symbolism, meanings and the principles of language development. Intended for teachers of English and foreign languages and for those seeking general culture in a better appreciation of the anthropological and sociological fact of language. The approach is best made with some knowledge of one or more foreign languages and elementary phonetics.

Graduate Courses

191. Introduction to Linguistics. Spring. M. W. F., 1:30. Three hours credit. De Jong.

An introduction to the science of Language.

199. Theory of Interpretation. Winter. Three hours credit. Cummings. (Not given this year.)
Application of the principles of linguistics to the study of word-meanings to problems of text-interpretation. Intended for students of language and literature.

MUSIC

Professors Jepperson-Madsen, Robertson, Madsen, De Jong; Sauer; Assistant Professors Hanson, Halliday; Miss Summerhays, Mr. Condie, Mr. Buggert, Mr. Nelson, Mr. Fitzroy, Mrs. Packard, Mr. Keeler, Miss McGregor.

Those who major in the Department of Music must complete the following courses: Theory of Music 11, 12, 13; 21, 22, 23; 61; 71, 72, 73; 81; 84; Piano, 3 hours; Vocal Culture, 3 hours; and Vocal or Instrumental Ensemble, 6 hours. Those preparing to teach should also take Theory of Music 90 and 91. These requirements are subject to change where conditions warrant individual consideration.

The work presented by those who minor in the Department of Music should include the following courses: Theory of Music 11, 12, 13; 21, 22, 23; 31; 90, and 91.

Private courses are indicated by -p. In the instrumental division, the letter immediately following the number indicates the instrument; e. g., 7 p-p means course 7, private piano; 3 t-p means course 3, private trombone, etc.

THEORY OF MUSIC

Lower Division Courses

11, 12, 13. Solfeggio. Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Summerhays.

The study of notation, intervals, diction, and sight-singing.

21, 22, 23. Harmony. Autumn, Winter, Spring. M. W. F., Three hours credit each quarter. Robertson.

Intervals; primary and secondary triads; dominant seventh and ninth chords, diminished seventh chords; open harmony.

31, 32, 33. Appreciation of Music. Autumn, Winter Spring. T. Th. Two hours credit each quarter. Madsen.

A non-technical course in music appreciation, especially designed for those who do not major in music.

41, 42, 43. Conducting. Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Madsen.

The principles of instrumental and vocal conducting. Baton technique.

Upper Division Courses

61, 62, 63. Solfeggio. Autumn, Winter, Spring. T. Th., Two hours credit each quarter. Summerhays.

Prerequisite: Theory of Music 13. Training in advanced sight singing.

71, 72, 73. **Harmony.** Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 23. Modulation; secondary seventh and altered chords; non-harmonic tones; modern harmony, form and analysis.

81, 82, 83. **History.** Autumn, Winter, Spring. M. W. F., Three hours credit each quarter. Madsen.

Alien musical systems, ancient and modern. Medieval and modern music.

84, 85, 86. **Philosophy and Appreciation of Music.** Autumn, Winter, Spring. M. W. Two hours credit each quarter Madsen.

A technical course for music majors principally. The philosophies of music and musicians, of the elements of music, musical structure, composition, and values.

87, 88, 89. **Directing.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Madsen.

The principles of vocal and instrumental directing applied. A course designed for music majors.

90. **Public School Methods.** Autumn, Winter, Spring. M. W. F. Three hours credit. McGregor.

Special technique of instruction and materials for the grades; class demonstrations and supervised teaching. Prerequisite: Theory of Music 11.

91. **High School Methods.** Winter. T. Th. Two hours credit. Hanson.

Special technique of instruction and materials for the junior and senior high schools. This course should precede or accompany Secondary Education 84.

92, 93. **Counterpoint.** Autumn, Winter. T. Th. Two hours credit each quarter. Madsen.

An elementary course in counterpoint.

94. **Composition.** Spring. T. Th. Two hours credit. Madsen.

An elementary course in composition in the smaller forms. Prerequisites: Theory of Music 73, 93.

95. **Instrumentation.** Winter. T. Th. Two hours credit. Sauer.

A practical course for high school teachers and supervisors in arranging for band and orchestra.

96, 97, 98. **Orchestra and Band Instruments.** Autumn, Winter, Spring. One or two hours credit each quarter. Sauer. Buggert.

For music majors in their junior or senior years. Practical experience with string, woodwind, and brass instruments for prospective high school music teachers.

Graduate Courses

121, 122, 123. Counterpoint. Autumn, Winter, Spring. Three hours credit each quarter. Robertson, Madsen.

Strict and free counterpoint in the various species. Modal counterpoint. Prerequisite: Theory of Music 73.

124, 125, 126. Canon and Fugue. Autumn, Winter, Spring. Three hours credit each quarter. Robertson, Madsen. Prerequisite: Theory of Music 123.

127, 128, 129. Instrumentation. Autumn, Winter, Spring. Three hours credit each quarter. Robertson.

Study of orchestra instruments; arranging for chamber combinations, string and symphony orchestra. Prerequisite: Theory of Music 73.

163. Harmony. Spring. Three hours credit. Halliday. Prerequisite: Theory of Music 73. An intensive study of modulation. (Not given this year.)

181, 182, 183. Composition. Autumn, Winter, Spring. Three hours credit each quarter. Robertson and Madsen. Prerequisites: Theory of Music 73 and 123.

187, 188, 189. Directing. Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Madsen.

An advanced course in vocal and instrumental directing.

200. Research for Master's Thesis. Credit to be arranged.

INSTRUMENTAL MUSIC

Lower Division Courses

1, 2, 3; 4, 5, 6. Band. Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.

Admission by consent of director.

7, 8, 9; 10, 11, 12. Orchestra. Autumn, Winter, Spring. Daily. One hour credit each quarter. Robertson.

Admission by consent of director.

13, 14, 15; 16, 17, 18. String Ensemble. Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Buggert.

19, 20, 21, 22, 23, 24. Band Ensemble. Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Sauer.

1, 2, 3; 4, 5, 6p-p. Piano. Autumn, Winter, and Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, Keeler.

7, 8, 9p-p. **Piano Ensemble.** Autumn, Winter, Spring. One hour credit each quarter. Nelson.

The playing of four, six, and eight hand piano arrangements.

10p-p. **Piano Pedagogy.** Any quarter. One hour credit. Nelson. Hanson, Fitzroy.

Methods and problems of piano teaching in the elementary grades.

1, 2, 3; 4, 5, 6v-p. **Violin.** Autumn, Winter, Spring. One hour credit each quarter. Robertson.

1, 2, 3; 4, 5, 6c-p. **Cornet.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3b-p. **Baritone.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13b-p. **Bassoon.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.

21, 22, 23b-p. **Bass (Tuba.)** Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13; 14, 15, 16c-p. **Clarinet.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3d-p **Drums and Timpani.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3f-p. **Flute.** Autumn, Winter, Spring. One hour credit each quarter. Nelson.

11, 12, 13f-p. **French Horn.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3o-p. **Oboe.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13o-p. **Organ.** Autumn, Winter, Spring. One hour credit each quarter. De Jong, Keeler.

1, 2, 3; 4, 5, 6s-p. **Saxophone.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13s-p. **String Bass.** Autumn, Winter, Spring. One hour credit each quarter. Sauer, Buggert.

1, 2, 3; 4, 5, 6t-p. **Trombone.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13v-p. **Viola** Autumn, Winter, Spring. One hour credit each quarter. Robertson.

21, 22, 23; 24, 25, 26v-p. **Violoncello.** Autumn, Winter, Spring. One hour credit each quarter. Buggert.

Upper Division Courses

51, 52, 53; 54, 55, 56. Concert Band. Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.

Admission by consent of the director.

57, 58, 59; 60, 61, 62. Symphony Orchestra. Autumn, Winter, Spring. Daily. One hour credit each quarter. Robertson.

Admission by consent of director.

51, 52, 53; 54, 55, 56p-p. Piano. Autumn, Winter, Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, Keeler.

63, 64, 65; 66, 67, 68. String Ensemble. Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Buggert.

69, 70, 71; 72, 73, 74 Band Ensemble. Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Sauer.

51, 52, 53; 54, 55, 56v-p. Violin. Autumn, Winter, Spring. One hour credit each quarter. Robertson.

51, 52, 53; 54, 55, 56c-p. Cornet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

61, 62, 63; 64, 65, 66c-p. Clarinet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

61, 62, 63; 64, 65, 66o-p. Organ. Autumn, Winter, Spring. De Jong, Keeler.

61, 62, 63; 64, 65, 66s-p. String Bass. Autumn, Winter, Spring. One hour credit each quarter. Sauer, Buggert.

63-p-p. Piano Pedagogy. Spring. One hour credit. Nelson.

Prerequisite: 10p-p. Methods and problems of piano teaching in the higher grades.

51, 52, 53t-p. Trombone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

71, 72, 73; 74, 75, 76v-p. Violoncello. Autumn, Winter, Spring. One hour credit each quarter. Buggert.

Graduate Courses

101, 102, 103-p. Instrumental. Autumn, Winter, Spring. One hour credit each quarter.

Advanced instruction on any of the standard instruments.

VOCAL MUSIC

Lower Division Courses

1, 2, 3; 4, 5, 6-p Vocal Culture. Private or in groups. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Condie, Packard.

13, 14, 15; 16, 17, 18. Ladies Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen.

Open to inexperienced singers. This course also provides participation in Mixed Chorus.

13, 14, 15; 16, 17, 18. Male Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Madsen.

Open to inexperienced singers. This course also provides participation in Mixed Chorus.

21, 22, 23; 24, 25, 26. Concert and Opera Chorus. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen. Admission by consent of directors.

42. Phonetics. Autumn or Winter. M. W. F., 1:30. Three hours credit. De Jong. (See Phonetics 42 in Department of Modern and Classical Languages.)

Upper Division Courses

51, 52, 53; 54, 55, 56-p. Vocal Culture. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Condie, Packard.

63, 64, 65; 66, 67, 68. Ladies Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen.

Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.

63, 64, 65; 66, 67, 68. Male Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Madsen.

Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.

71, 72, 73, 74, 75, 76. Concert and Opera Chorus. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen. Admission by consent of directors.

Graduate Courses

111, 112, 113-p. Vocal Culture. Autumn, Winter, Spring. One hour credit each quarter.

Advanced instruction in vocal culture.

PHYSICAL EDUCATION

Professor Hart; Associate Professor Kimball; Dr. Cullimore; Assistant Professor Holbrook; Mr. Dixon, Miss Burton, Mr. Millet, Mr. Crowton, Mr. Soffe.

The purpose of the department is primarily to conserve the health and vitality of the students, to establish correct motor habits and to educate for wholesome and efficient living. To offset the undesirable effects of sedentary school life, vigorous activity in the form of games, gymnastics and competitive athletics are offered.

A thorough physical and medical examination will be given each freshman student upon entering the institution. All freshmen are required to take Physical Education 1, 4, 5, and 6.

Upper classmen who are not taking physical education for credit are urged to engage in some form of physical exercise. Abundant opportunity is offered for participation in games, sports, hikes, gymnastics, athletics, and dancing.

All students whether enrolled in regular classes in physical education or on regular athletic squads are invited and urged to use the physical training and athletic facilities of the institution whenever they are available.

Students using the towel service are required to make a 25 cent deposit by purchasing a towel check. The towel check is exchangeable for towel service during regular school hours. Towel checks are redeemable at any time.

Students registered for physical education activity courses are required to provide themselves with the official uniform which may be purchased at the University book store. Also they are required to provide themselves with basket locker and approved combination padlock.

An extensive program of intramural sports for both men and women is sponsored and supervised by the department.

The department also offers professional courses which are designed to prepare teachers and directors in physical education, directors of athletics, supervisors of dancing and leaders in play and other forms of social and recreational activities.

Students interested in play and recreation are referred to the following courses: Physical Education 7, 8, 9, 14, 15, 17, 18, 19, 24, 25, 26, 31, 42, 54, 59, 60, 71, 73; Art 21, 25, 26; Botany 3; Education 64, 65, 66; Mechanic Arts 1, 2; Physics 16, 26; Religious Education 80; Speech 1, 2, 72.

Students interested in health education work are referred to Physical Education 1, 88, 91, 95; Zoology 45, 58, 65; Foods and Nutrition 5, 53, 54, 55.

Major and Minor Requirements in Physical Education

Both men and women students majoring or minoring in Physical Education are required to take the following foundational courses:

Chemistry 1 or 4, Zoology 45, Phychology 11 and 51 or 74, Bacteriology 21, Sociology 11 or 61, Physics 1, Foods and Nutrition 5 or 57 and for those who wish to qualify for a teacher's certificate such courses in Secondary Education as will satisfy the State Board of Education.

In addition to the foregoing the following courses in the department of Physical Education are required:

In the Men's Department:

Major Requirements:

Physical Education 7, 8, 9, 51, 52, 53, 71 or 73.
Physical Education 88, 90, 91, 93, 94, 95, 96.
Two of the following courses: Physical Education 14, 15, 17, 18, 19, 20.

Minor requirements:

Physical Education 7, 8, 9; 51 or 52 or 53.

Physical Education 71 or 73; 90, 91, 93, 96.

In the Women's Department:

Major Requirements:

Physical Education 7, 8, 9.
Physical Education 26, 27, 28 (one quarter.)
Physical Education 31, 32, 33.
Physical Education 54, 55, 56.
Physical Education 61, 62, 63, 65, 71, 73.
Physical Education 88, 90, 91, 93, 94, 95, 96.

Two of the following: Physical Education 14, 15, 19, 20, 24, 42, 59, 60.

Minor requirements:

Physical Education 7, 8, 9.
Physical Education 26, 27, 28 (one quarter.)
Physical Education 31, 32, 33 (two quarters), 42.
Physical Education 54, 55, 56 (two quarters.)
Physical Education 73, 90, 91, 93.

Lower Division Courses

1. **Personal Hygiene.** Autumn, Winter or Spring. T. Th., 1:30. One hour credit. Cullimore, Merrill.

This course is required of all freshmen students. The course is designed to present in a popular manner problems concerning personal hygiene and proper health habits. Credit in this course does not substitute for Freshman Physical Education activity requirements.

4, 5, 6. **Elementary Physical Education.** Autumn, Winter, Spring. One hour credit each quarter. Women's sections, M. W. F., at 10:30, 2:30, 3:30, and T. Th. at 10:30 and 1:30. Men's section M. W. F., 9:30, (Tumbling, except Spring term) 10:30; 2:30; 3:30.

These courses will include games, and a variety of athletic and gymnastic activities, and are required of all freshmen.

7. **Autumn Activities.** (Men) Autumn. M. W. F., 8:30. One hour credit. Millet.

This course plans a development of fundamental skills in soccer, touch football, speed ball, badminton, quoitennis.

7. **Autumn Activities.. Soccer, Speedball, Hockey, and Badminton.** (Women) Autumn. T. Th., 2:30. One hour credit. Holbrook.

A progressive development in the above. Autumn team sports will be followed, with emphasis upon the attainment of fundamental skills.

8. **Winter Activities.** (Men) Winter. M. W. F., 8:30. One hour credit. Millet.

Technique and skill will be developed in the following activities: volley ball, tumbling, horizontal and parallel bars, the horse, and the flying rings.

8. **Winter Activities. Basketball and Volleyball.** (Women) Winter, T. Th., 2:30. One hour credit. Holbrook.

Emphasis will be given to the following items: Skill development, offensive and defensive playing, developing team play, rules, and officiating.

9. **Spring Activities.** (Men) Spring. M. W. F., 8:30. One hour credit. Millet.

Emphasis will be placed on knowledge of rules and techniques and the development of skills in certain gymnastic games, softball, horseshoe pitching, rope work, etc.

9. **Spring Activities. Baseball, Track and Field.** (Women) Spring. T. Th., 2:30. One hour credit. Holbrook.

Theory will be applied to baseball to develop a better game. The best practices in track and field will be employed to develop ease in motion in track and field events. Novelty races and "play day" devices and events will be introduced.

11. **Volley Ball.** Winter. T. Th., 10:30. One hour credit.

12. **Badminton.** Winter. T. Th., 2:30. One hour credit. Dixon. Small fee will be charged to cover special equipment used.

14. **Archery.** Autumn, Spring. M. W. F., 1:30. One hour credit. Holbrook.

The course aims to develop individual techniques, providing experience in various types of tournaments and related archery activities.

15. **Tumbling.** (Men) Autumn, Winter. M. W. F., 9:30. One hour credit. Millet.

15. **Tumbling. Pyramid Building and Stunts.** (Women) Winter, T. Th., 8:30. One hour credit. Holbrook.

Simple tumbling events in keeping with beginners' ability will be taught as foundation work. Other items will be given to develop skill and coordination for the fun and satisfaction of the performers.

17. **Boxing.** Autumn, Winter, Spring. M. W. F., 1:30. One hour credit. Staff.

This course will consist of the theory and practice of boxing.

18. **Wrestling.** Autumn, Winter. M. W. F., 3:30. One hour credit. Soffe.

This course will consist of the theory and practice of wrestling.

19. **Tennis.** (Men and Women.) Spring. M. W. F., Sec. 1, 7:30; Sec. 2, 9:30. One hour credit. Dixon.

This course will consist of the theory and practice of tennis. Limited to 48 students per class. Not open to Freshmen. By permission of instructor only.

20. **Golf.** (Men and Women.) Spring. M. W. F., 3:30. One hour credit. Provo Municipal Golf Course. Crowton.

This course will consist of the theory and practice of golf. A special fee is charged for this course. Students will be required to furnish their own equipment.

24. **Fencing.** Winter. Three periods each week. Time to be arranged. One hour credit. Open to both men and women. Staff. Students will furnish their own equipment.

25. **Social Dancing.** Autumn and Winter. T. Th., 4:30-6:00. One hour credit. Burton.

Open to freshmen and sophomore men and women. Permission must be obtained from instructor before registering. Credit in this course does not substitute for freshman physical education requirement.

26. **Elementary Clog and Tap Dancing.** (Men and Women). Autumn. T. Th., 9:30. One hour credit. Burton.

Simple routines and rhythms will be taught and worked out to old time and modern music. Emphasis will be placed upon the recreative rather than the professional aspects of the activity.

27. **Intermediate Tap.** (Men and Women). Winter. T. Th., 9:30. One hour credit. Burton.

For those who have already attained a degree of skill in tap technique. Prerequisite, Physical Education 26, or fundamental tap steps, time steps, and knowledge of several routines.

28. **Advanced Tap.** (Men and Women). Spring. T. Th., 9:30. One hour credit. Burton.

Prerequisite, Physical Education 27, or individual work.

31, 32, 33. **Elementary Modern Creative Dance.** Autumn, Winter, Spring. M. W. F., 8:30. One hour credit. Burton.

Fundamentals in dance technique. The development of modern creative dance and its types of accompaniment.

39. **Advanced Tennis.** Spring. T. Th., 7:30-9:00. One hour credit. Dixon.

Advanced course in the theory and practice of tennis. Admission by permission of instructor.

42. **Folk and Country Dancing.** (Men and Women). Winter. M. W. F., 1:30. Two hours credit. Burton.

Upper Division Courses

51. **Athletic Coaching and Directing—Football.** Autumn. Three periods each week. 10:30. Three hours credit. Kimball.

This course is designed to prepare students for the coaching of football. It will deal with the fundamentals of the game, methods of working out plays, systems of offense and defense, the conditioning of teams, etc.

52. **Athletic Coaching and Directing—Basketball.** Winter. Three periods each week. 10:30. Three hours credit: Kimball.

This course is designed to prepare for the coaching of basketball. Students will be thoroughly instructed in fundamentals, offensive and defensive systems, schedule making, etc.

53. **Athletic Coaching and Directing—Track and Field.** Spring. Three periods a week. 10:30. Three hours credit. Millet.

This course will deal with the technique of track and field athletics and with the management of meets.

54. **Athletic Coaching and Directing.** (Women). Autumn. T. Th., 9:30. One hour credit. Holbrook.

Soccer, speedball, hockey, and badminton. This course for majors and minors is a discussion and theory course with outside readings and assignments.

55. **Athletic Coaching and Directing.** (Women). Winter. T. Th., 9:30. One hour credit. Holbrook.

Basketball and volleyball. This course will consist of theory, discussion, and outside assignments in coaching and directing.

56. **Athletic Coaching and Directing.** (Women.) Spring. T. Th., 9:30. One hour credit. Holbrook.

Baseball, track and field, play days. This theory course dealing with best practices in developing these spring activities for girls will provide a basis of understanding and working principles for coaching.

59. **Rhythms and Games for Primary Grade Teachers.** Autumn, Spring. M. W. F., 1:30. Two hours credit. Burton.

This course required of all elementary majors will include fundamentals of body movements, simple rhythms, folk type games and dances, creative group work, and methods and content of a group play program.

60. **Rhythms and Games for Intermediate Grade Teachers.** Autumn, Spring. M. W. F., 4:30. Two hours credit. Holbrook.

This course required of all elementary teachers is a continuation of Physical Education 59.

61, 62, 63. **Advanced Modern Creative Dance.** Autumn, Winter, Spring. M. W. F., 9:30. One hour credit. Burton.

Advanced technique and composition. Prerequisites, 31 and 32, or 32 and 33.

65. **Problems of the Dance in Physical Education.** Spring. T. Th., 10:30 a. m. Two hours credit. Burton.

Problems of the public performance, planning the program, organization, lighting, costumes, etc.

71. **The Theory of Play.** Winter. M. W. F., 1:30. Three hours credit. Holbrook.

The theory of play and its organization, considering history, classification, the need for play in modern life, and play in education.

73. **Co-educational Physical Education and Recreation.** (Men and Women.) Autumn. T. Th., 8:30. Two hours credit. Holbrook.

Technique of conducting and playing individual and group games and activities, of value for school and recreation.

88. **Physiology of Activity.** Spring. M. W. F., 2:30. Three hours credit. Kimball. Prerequisites: Zoology 45.

A study of the processes which occur in the body during exercise. Special attention will be given to the effects of exercise upon circulation, respiration, and metabolism.

90. **Principles of Physical Education.** Winter. M. W. F., 2:30. Three hours credit. Kimball.

This course aims to acquaint the student with the philosophy and principles underlying physical education in order that they may gain a general comprehension and unified view of the entire subject.

91. **General Kinesiology.** Autumn. M. W. F., 8:30. Three hours credit. Dixon.

The anatomy of the human body with emphasis upon the study of bones, joints, and the skeletal muscles. Athletic exercises will be studied, with reference to their effect upon the body. Prerequisite: Zoology 45.

93. **Organization and Administration of Physical Education, Health and Recreation.** Spring. M. W. F., 9:30. Three hours credit. Hart.

The executive and administrative problems arising out of organizing and conducting health, physical education, and recreation programs in schools and communities.

94. **Introduction to Achievement Tests in Physical Education.** Winter. M. W. F., 9:30. Three hours credit. Hart.

This course reviews the history of tests in physical education and also gives consideration to the essential procedure used in evaluating such tests and their results. Prerequisite: Educational Administration 74.

95. **First Aid.** Autumn. M. W. F., 1:30. Two hours credit. Hart.

Principles of first aid treatment of injuries, massage, physiotherapy, bandaging and the essentials of conditioning athletes.

Those successfully completing the course will be given the official American Red Cross Standard First Aid Course Certificate.

96. **Adaptation of Activities in Corrective Procedure.** Spring. M. W. F., 8:30. Three hours credit. Open to both men and women. Hart.

The variation of posture, the mechanics of balancing of the forces in the body, psychology of individual gymnastics, methods of stimulating interest in posture, and the selection and scope of corrective activities. Prerequisites: Zoology 45, Physical Education 91.

97. **Seminar in Physical Education.** Time and credit to be arranged.

Graduate Courses

165. **Problems in the Dance in Physical Education.** Autumn. T. Th., 10:30. Two hours credit. Burton.

171. **Theory of Organized Play.** Winter. M. W. F., 1:30. Three hours credit. Holbrook.

188. **Physiology of Activity.** Spring. M. W. F., 2:30. Three hours credit. Kimball. Prerequisites: Zoology 45.

190. **Principles of Physical Education.** Winter. M. W. F., 2:30. Three hours credit. Kimball.

193. **Organization and Administration of Physical Education. Health and Recreation.** Spring. M. W. F., 9:30. Three hours credit. Hart.

194. **Achievement Tests in Physical Education.** Winter. M. W. F., 9:30. Three hours credit. Hart.

196. **Adaptation of Activities in Corrective Procedure.** Spring, M. W. F., 8:30. Three hours credit. Open to both men and women. Hart. Prerequisites: Zoology 45, Physical Education 91.

197. **Seminar in Physical Education.** Time and credit to be arranged.

198. **Research in Physical Education.** Time and credit to be arranged.

200. **The Master's Thesis in Physical Education.** Credit by arrangement.

PHYSICS

Professors Eyring, Marshall and Hales.

Students who expect to study Medicine, Engineering, Chemistry, or who are planning to major or minor in the Department of Physics should begin their study of Physics by electing courses 41, 42 and 43.

Non-science students may elect with profit courses 1, 16 and 26, which may be taken without prerequisite and which are organized with the view of giving the student an appreciation of his physical environment.

Students majoring in Physics have the following courses prescribed. Physics 41, 42, 43, 90, 91, 92 and 22 hours selected from the upper division courses in the Physics Department.

Students majoring in Physics and expecting to be high school teachers have the following courses prescribed: Physics 41, 42, 43, and any courses totaling 15 hours of upper division credit in the Physics Department.

Lower Division Courses

1. **A Survey Course in Physics.** Autumn and Winter. M. T. W. T., 10:30. Four hours credit. Eyring.

This is an orientation course designed for the non-science student who seeks information concerning the scientific interpretation of his physical environment.

16. **Descriptive Astronomy.** Spring. M. T. W. Th., 10:30. Four hours credit. Eyring.

This course is designed for those wishing a general knowledge of the facts, theories, and methods of astronomy. Frequent use will be made of the University Obervatory on University Hill.

26. **Photography.** Spring. Lecture, M. W. F., 7:30. Laboratory time to be arranged. Four hours credit. Hales. (See Journalism 26.)

Lectures on the theory and art of photography; laboratory exercises in photographic manipulation, determination of the characteristics of photographic materials, color, sensitivity, etc.

41. **General Physics. Mechanics and Sound.** Autumn. Lecture. M. W. F., 1:30. Laboratory, T. and Th., 1:30-3:30. Five hours credit. Hales.

Courses 41, 42 and 43 constitute a general college course in physics. This general course will satisfy the requirements in physics for engineering and medical students, and it is a prerequisite for all the specialized courses in physics.

42. Electricity. Winter. Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30 to 3:30. Five hours credit. Hales.

Continuation of 41.

43. Heat and Light. Spring. Lecture, M. W. F., 1:30. Laboratory, 1:30 to 3:30. Five hours credit. Hales.

Continuation of 42.

Upper Division Courses

55. Atomic Physics. Autumn. Lecture, M. T. Th., F., 9:30. Laboratory W., 9:30. Five hours credit. Hales.

A study of the structure of the atom as revealed by x-rays, radio activity, spectroscopy, and related subjects.

66, 67. Electricity and Magnetism. Winter, Spring. Lecture, T. Th., F., 2:30. Laboratory, M. W., 2:30. Five hours credit each quarter. Marshall.

A study of electronics, the vacuum tube, and D. C. and A. C. circuit theory and measurements.

71. Physics of the Air. Autumn. Lecture M. T. Th. F., 10:30. Laboratory W Five hours credit. Hales. (Not given this year.)

The physics of the earth's atmosphere; a study of the causes which produce variations in the pressure, temperature, and humidity of the air and their influence upon weather and climate.

72. Synoptic Meteorology. Winter. Lecture M. T. Th. F., 10:30. Laboratory W. Five hours credit. Hales. (Not given this year.)

A continuation of Course 71 with special emphasis placed upon the Norwegian Polar front theory of weather analysis. Daily weather maps, including all frontal data, atmospheric cross sections, and various thermodynamic charts, will be constructed as part of the laboratory work.

73. Introduction to Aerodynamics. Spring. Daily, 10:30. Five hours credit. Marshall. (Not given this year.)

Elementary dynamics of particles, fluids and solid bodies, with application to aeronautics.

74. Sound. Spring. Lecture. M. T. Th. F., 8:30. Laboratory W. Five hours credit. Eyring. (Not given this year.)

Speech, hearing, sound transmission and radiation, and acoustics of auditoriums.

75. Experimental Optics. Winter. Lecture. M. W. F., 2:30. Laboratory: Time to be arranged. Five hours credit. Marshall.

During the first part of the course experiments outlined in Taylor's Manual of Optics will be performed, and during the last special work in the achelon and concave grating will be given. (Not given this year.)

76. Advanced Photography. Spring. Lecture, T., 7:30. Laboratory, time to be arranged. Two hours credit. Hales.

A laboratory course in the more advanced photographic principles including sensitometry, physical development, toning, natural color printing, and so forth. Prerequisites: Physics 26 and Physics 41, 42, 43 or Chemistry 4, 5, 6.

81. Mechanics. Winter. Daily, 8:30. Five hours credit. Eyring.

Fundamental principles of mechanics and their application to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

83. Thermodynamics. Spring. Daily, 8:30. Five hours credit. Eyring.

A study of the laws of thermodynamics and their application to numerous physical and chemical phenomena.

85. Advanced Physical Measurements. Autumn, Winter or Spring. Time to be arranged. One to three hours credit. Eyring, Marshall and Hales.

Precision measurements involving special laboratory techniques and the solution of some simple research problem. Required of all majors in physics in Senior year.

87. Laboratory Arts. Autumn. T. Th., 3:30-6:30. Two hours credit. Marshall and Hales. (Not given this year.)

Processes connected with the construction and use of apparatus in physical laboratory.

90, 91, 92. Seminar. Autumn, Winter, Spring. One hour credit each quarter. Time to be arranged. Eyring, Marshall and Hales.

A survey of physical theories and topics in modern research. A course for seniors in which the student is aided to integrate the specialized courses.

95. Readings in Modern Physics. Credit 1 to 3 hours, depending on the work done. Eyring, Marshall or Hales.

A reading course designed to acquaint the student with new material which may not have been included in the regular courses.

Graduate Courses

101, 102. Introduction to Modern Physics. Autumn, Winter, Daily, 8:30. Five hours credit each quarter. Marshall.

A study of modern physics, including such topics as quantum theory, spectroscopy, and atomic structure, etc.

103. Quantum Mechanics. Spring. Daily, 8:30. Five hours credit. Marshall.

105. 106, 107. Introduction to Theoretical Physics. Autumn, Winter, Spring. Daily, 10:30. Five hours credit each quarter. Hales.

An introductory study of the mathematical basis and development of the fundamental laws and theories of physics.

110, 111, 112. Classical Experiments. Each course two hours credit. Eyring, Marshall and Hales.

190, 191, 192. Seminar. Autumn, Winter, Spring. Time to be arranged. One hour credit each quarter. Marshall and Hales.

195. Readings in Modern Physics. Credit, one to three hours, depending upon amount of work done. Eyring, Marshall and Hales.

200. Thesis in Physics. Credit to be arranged.

POLITICAL SCIENCE

Professor Jensen; Assistant Professor O. M. Wilson; Mr. Gaeth

Requirements for a Major in Political Science:

A Political Science major requires the completion of 45 hours of work in this field. Political Science 1, 5, 10, 11, and 15 are required courses and should be completed by the end of the sophomore year. The additional work shall consist of upper division courses which will be selected by the student with the consent of the major professor.

A student deciding to major in Political Science must immediately consult the head of the department who will determine in consultation with the student, upon the minor field of work.

The requirements will apply to all Political Science majors who graduate in 1941. Students who graduate in 1940 may do so under either the new or the old plan.

Lower Division Courses

1. The Citizen and His Government. Autumn. Daily, 9:30. Five hours credit. Gaeth.

A study of fundamental, political, social, economic, and international problems which make for intelligent citizenship.

5. Principles of Political Science. Autumn. Daily, 10:30. Five hours credit. Gaeth.

A comparative study of the origin and development of government, its forms and organization, problems of administration and popular control, international relations and world politics.

10. National Government of the United States. Winter. Daily, 10:30. Five hours credit. Jensen.

The historical development of the American Government; origin and growth of the Constitution; constitutional rights of the citizen; a detailed study of the executive, legislative, and judicial departments of the national government.

11. State and Local Government in the United States. Spring. Daily, 10:30. Five hours credit. Jensen.

The nature of federal government; the evolution of states from territories; place of the states in the nation; a study of the executive, legislative and judicial branches of state government.

15. Political Parties and Party Government. Daily, 8:30. Five hours credit. Gaeth.

A study of the organization and methods of action of political parties in the United States; the development of the party system; the party system in leading European countries.

Upper Division Courses

51. European Political Philosophy. Autumn. M. W. F., 10:30. Three hours credit. Wilson.

A study of political theory as developed during ancient and medieval times.

52. European Political Philosophy. Winter. M. W. F., 10:30. Three hours credit. Wilson.

An examination of modern and contemporary political philosophy.

53. History of American Political Thought. Spring. M. W. F., 1:30. Three hours credit. Gaeth.

A study and interpretation of American political ideas from the colonial period to the present with an examination of their influence in the development of American history and government.

57. Commercial Law. Autumn. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 57.)

Fundamental legal principles and institutions; the formation, operation and effect, and performance of contracts; the law governing the acquisition and transfer of title to real and personal property.

58. Commercial Law. Winter. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 58.)

A study of law governing Negotiable Instruments, rights and liabilities of parties thereto; also a study of the law governing sales of personal property as distinguished from gifts, barters and bailments.

59. **Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 59.)

A study of the law governing relationships arising out of business associations; Agency, Partnerships and Corporations will be studied by an examination of the leading cases decided by the courts.

63. **Municipal Government.** Spring: M. W. F., 2:30. Three hours credit. Jensen. (Not given this year.)

A study of municipal growth and development in the United States and in some of the principal European Countries. Attention is given to municipal structure, organization, and administration.

67. **Public Administration.** Autumn. M. W. F., 2:30. Three hours credit. Jensen.

An examination of the field of public administration, emphasizing the relationship of the administration to other branches of Government, the organization and personnel of administrative services, types of control of the administration, central and local administration, etc.

73. **Comparative European Governments.** Winter. M. W. F., 1:30. Three hours credit. Gaeth.

A study of the organization and operation of the governments of England, France, Italy, Germany, and Russia. Attention is also given to some of the new European governments.

80. **International Law.** Winter. M. W. F., 2:30. Three hours credit. Jensen.

A study of the sources, principles, and sanctions of international law; the law of peace, war, and neutrality. Problems growing out of the World War and the resulting modifications of international law as they prevail today.

82. **History of American Foreign Policy.** Spring. M. W. F., 2:30. Three hours credit. Jensen.

This course traces the history of American foreign relations from the colonial period to the present. Attention is given to the principal issues of diplomatic controversy and settlement.

83. **International Relations.** Winter. M. W. F., 9:30. Three hours credit. Gaeth.

A study of the major contemporaneous problems and developments in the field of international relations.

85. International Organization and Government. Winter. T. Th., 9:30. Two hours credit. Gaeth.

The rise and development of international government; diplomatic intercourse of states; international executive, administrative, legislative and judicial functions, agencies of international intercourse and cooperation.

87. Current European Problems. Autumn. M. W. F., 1:30. Three hours credit. Gaeth.

A study of the momentous recent political changes in Europe. The course aims to interpret government changes, treaties, conflicts, and problems which are arising in Europe at present.

90. The Constitution of the United States. Autumn. M. W. F., 10:30. Three hours credit. Jensen.

A course dealing with the history and development of the Constitution of the United States, a study of its fundamental provisions, their interpretation, and their application in the functioning of the American system of government.

95. Constitutional Law of United States. Autumn. Daily, 9:30. Five hours credit. Jensen. (Not given this year.)

Jurisdiction of federal courts, citizenship, naturalization, suffrage, personal liberty, protection to persons accused of crime, due process and equal protection of the laws, police power, eminent domain, taxation, regulation of commerce, impairment of obligation of contracts, etc. A standard book of cases will be used.

Graduate Courses

151. Early European Political Philosophy.

152. Modern European Political Philosophy.

153. American Political Theories.

163. Municipal Problems.

174. English Government and Politics.

175. The British Commonwealth of Nations.

177. Political Party Systems in the United States and in European Countries.

180. International Law as Administered by the Courts.

181. The Conduct of American Foreign Relations.

182. History and Problems of American Foreign Policy.

183. International Relations and World Politics.

190. The Constitution of the United States.

195. Constitutional Law of the United States.

198. Research in Political Science.

200. Research for Master's Thesis.

PSYCHOLOGY

Professors Poulson, Lambert; Assistant Professor Dusenberry; Mr. Gibb.

Suggestions as to Courses. Psychology 11 is the standard foundation course which is usually made a prerequisite to all other courses in university departments of psychology. The courses especially recommended to follow it are:

General Cultural Interests: Psychology 12, 62, 65, 68, 69, 95, 96, and 97.

Home-making Interests: Psychology 12, 62, 68, 69, and 97.

Business Interests: Psychology 10, 12, 53, 62, 65, 66 and 97.

Educational Interests: Psychology 12, 52, 53, 62, 63, 65, 66, 67, 68 and 69. For fulfilling State Board requirements: Psychology 51 is intended for prospective elementary school teachers and Psychology 63 for junior and senior high school teachers. Other courses in this department may be used as electives for state certification.

Psychology Major: A total of thirty five credit hours in the department is required including not less than twelve quarter hours selected from psychology 52, 53, 66, 67, 95, 97, and seminar courses in psychology. Prospective "school psychologists" should aim to meet the major requirements as nearly as possible.

Lower Division Courses

10. Study Habits and Mental Hygiene. Autumn. T. Th., 2:30. Winter. T. Th., 8:30. Two hours credit. Poulson.

A practical course intended especially to help freshmen who desire to improve their mental health and methods of study.

11. General Psychology. Autumn, Daily, 10:30. Winter, Daily, 9:30. Spring, Daily, 8:30. Five hours credit. Poulson.

An introductory study of mental activity covering in a general way the whole field of modern psychology. Approximately one-fifth of the course will consist of simple laboratory experiments and demonstrations.

12. Applied Psychology. Spring. M. W. F., 9:30. Three hours credit. Poulson.

Survey of the applications of scientific psychology in ad vertising, personal selling, industry, medicine, law, music, speech, writing, art, and athletics. Each student will stress his major interests. Prerequisite. Psychology 11.

Upper Division Courses

51. **Educational Psychology.** Autumn, Winter or Spring. Section 1, M. W. F., 9:30; Section 2, M. W. F., 10:30. Three hours credit each quarter. Dusenberry.

This course deals with economy and technique of learning, individual differences, mental efficiency, native equipment, habit formation, emotions, and reasoning, and other applications of psychology in teaching and daily life.

52. **Statistical Methods.** Winter. M. W. F., 2:30. Three hours credit. Lambert. (See Educational Administration 52.)

53. **Experimental Psychology.** Winter, lecture. Th., 3:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson.

Selected readings and laboratory work in experimental psychology to show how scientific technique is applied in the study of mental activity. Presentation of data in tabular and graphic form. Prerequisite: The consent of the instructor.

62. **Social Psychology.** Autumn. T. W. Th. F., 9:30. Four hours credit. Poulson.

Social stimulation and response. Suggestion, propaganda, conflict. Psychology of leadership. Development of religion and other social institutions. Educational implications. Prerequisite: Psychology 11 or its equivalent.

63. **Advanced Educational Psychology.** Autumn, M. T. W. Th., 9:30; Spring, M. T. W. Th., 10:30. Four hours credit. Poulson.

A brief consideration of certain important phases of the psychology of secondary education. The law of economical learning, individual differences, and the psychology of school subjects. Prerequisite: Psychology 11.

65. **Psychology of Motivation.** Spring. M. W. F., 2:30. Three hours credit. Poulson.

A careful review of some of the important experimental investigations of animal, child and adult human motivation. Implications for parents, teachers, and social workers. Prerequisites: Psychology 11 and 62.

66. **Psychological Tests.** Autumn. M. W. F., 9:30. Three hours credit. Gibb. (Not given this year.)

History, theory and use of different kinds of psychological tests and scales. Scientific interpretation and application of test results. Prerequisite: Psychology 11.

67. **Mental Test Practice.** Autumn. Th., 9:30, and five other hours per week to be arranged. Two hours credit. Gibb. (Not given this year.)

Supervised training in the actual administration of psychological tests with emphasis upon Forms L and M of the new revised Stanford-Binet tests of intelligence. Prerequisite: Consent of the instructor.

68. **Psychology of Childhood and Adolescence.** Winter. M. W. F., 8:30. Three hours credit. Poulson.

Psychological description of the individual's development from birth to maturity, and theories of mental growth. Practical implications for parents, teachers, and social workers. (See Household Administration 68.) Prerequisite: Psychology 11 or equivalent.

69. **Psychology of Personality.** Autumn. M. W. F., 8:30. Three hours credit. Poulson.

A consideration of the psychological foundations of human conduct. Varieties of adjustive and non-adjustive behavior. Problem of personality types. The wholesome personality. Mental hygiene problems of the home and school. Prerequisite: Psychology 11. (See Household Administration 69.)

95. **History and Modern Viewpoints.** Autumn. M. T. W. Th., 3:30. Four hours credit. Poulson.

A consideration of the historical background of present-day psychology and a comparative study of several of the important contemporary schools of psychology. Prerequisites: Psychology 11 and 53.

96. **Seminar in Psychology of Religion.** Spring. T. Th., 9:30. Two hours credit. Poulson.

Varieties of religious experience and the psychology of religious adjustment. Individual problems. Prerequisites: Psychology 11 and either 62 or 69.

97. **Advanced General Psychology.** Spring. M. T. W. Th., 2:30. Four hours credit. Poulson. (Not given this year.)

A careful reconsideration of the general field of modern scientific psychology, and a thorough examination of various difficult topics. Prerequisites: Psychology, 11 and 53 or equivalent.

Graduate Courses

100, 101. **Seminar in Current Psychological Literature.** Winter or Spring. Time to be arranged. One hour credit each quarter. Poulson. Prerequisite: Consent of instructior.

153. **Advanced Experimental Psychology.** Winter. Lecture, Th. 3:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson.

162. **Social Psychology.** Autumn. T. W. Th., F., 9:30. Four hours credit. Poulson.

163. **Advanced Educational Psychology.** Autumn. M. T. W. Th., 9:30. Spring. M. T. W. Th., 10:30. Four hours credit. Poulson. Prerequisite: Psychology 11.

165. **Psychology of Motivation.** Spring. M. W. F., 2:30. Three hours credit. Poulson.

168. **Psychology of Childhood and Adolescence.** Winter. M. W. F., 8:30. Three hours credit. Poulson.

169. **Psychology of Personality.** Autumn. M. W. F., 8:30. Three hours credit. Poulson.

195. **History and Modern Viewpoints.** Autumn. M. T. W. Th., 3:30. Four hours credit. Poulson.

196. **Seminar in Psychology of Religion.** Spring. T. Th., 9:30. Two hours credit. Poulson.

197. **Advanced General Psychology.** Spring. M. T. W. Th., 2:30. Four hours credit. Poulson. (Not given this year.)

200. **Thesis in Psychology.** Winter or Spring. Three to five hours credit. Poulson.

Research work in the preparation of a Master's thesis. Prerequisites: Ten hours of upper division and graduate credit in psychology including Psychology 53 or 153. Also a course in statistical methods.

DIVISION OF RELIGION

Professors Sessions, Guy C. Wilson, Sperry, Lloyd, Eyring, Lambert, De Jong, Merrill, Martin, G. H. Hansen, Cummings, Miller, W. H. Boyle, Hales, J. M. Jensen, Larsen, Pardoe, C. S. Boyle, Shaw; Associate Professors R. Swensen, Sudweeks, Morley, Nicholes; Assistant Professors Coffman, Christensen, Ballif, Pond, Tracy, Johansen, O. M. Wilson; Instructors H. W. Lee, Allred, Gaeth, Waspe, Sundwall, Smith, Anderson.

Courses which are starred (*) or their equivalent are required.

BIBLE AND MODERN SCRIPTURE

OLD TESTAMENT

Upper Division Courses

***61. An Introduction to the Old Testament.** Autumn, Winter, or Spring. Section 1, M. W., 9:30. Two hours credit each quarter. Sperry. Section 2, T. Th., 11:30. Hales.

This course deals with the literary problems and structure of the Old Testament; emphasis is given to its religious content. An attempt is made to show that Israel's leaders have a vital and living interest to the world today.

62. The Manners and Customs of the Hebrews. Autumn. T. Th., 11:30. Two hours credit. Sperry.

This course will deal with the psychology and social background of the Hebrew people, their towns, cities, pastoral life, trades, and professions, their family life, etc. Throughout the course constant reference is made to the Old Testament.

63. The Archaeology of the Old Testament. Winter. T. Th., 11:30. Two hours credit. Sperry.

The most important archaelogical discoveries of modern times and their bearing on the history, literature and religion of the Old Testament are considered in this course.

64. The Prophets and Israel's Culture. Winter or Spring. T. Th., 10:30. Two hours credit each quarter. Sperry.

In this course the rise of Israel's religion is considered and special attention is given to the religious, social, and cultural aspects of the more important prophetic books.

65. The Books of the Old Testament. Winter. T. Th. Two hours credit. Sperry. (Not given this year.)

An introduction is given to each book of the Old Testament and its importance as literature and a source for religion is stressed.

NEW TESTAMENT

Lower Division Course

***12. The Religion and Literature of the Apostolic Age.** Autumn. Winter, or Spring. Two hours credit. Russell Swensen, Sessions, Martin, Lee.

This is a study of the historical situations and problems in the early Christian church which impelled various authors to write the books of our New Testament. It deals also with the distinctive religious teachings and literary qualities of the New Testament writings.

Upper Division Courses

66. The Life of Jesus. Winter. T. Th., 11:30. Two hours credit. Swensen.

A study of the life, career, and basic teachings of Jesus. It deals with the historical conditions in Palestine, the various social, economic, and religious problems which Jesus faced. His distinctive traits, character, personality, etc. are studied as reflected in the Gospels.

67. The Life and Letters of Paul. Autumn. T. Th., 11:30. Two hours credit. Sessions.

A course in the life, and distinctive teachings of Paul. His cultural background in both its Greek and Hebrew aspects is taken. His methods of missionary work and achievements are dealt with.

68. The History and Interpretation of the New Testament. Spring. T. Th., 11:30. Two hours credit. Swensen.

A course dealing with the portions of the New Testament which are not treated in the courses above and interpretation of these portions during the various periods from ancient to modern times. The literary and religious influence upon modern society is also stressed.

MODERN SCRIPTURE

***50. The Book of Mormon.** Autumn, Winter, or Spring. T. Th., 11:30. Two hours credit. Smith.

The main facts pertaining to the coming forth of the Book of Mormon, its content, and its teachings are considered.

51, 52. The Book of Mormon. Autumn, Winter. T. Th., 9:30. Two hours credit each quarter. Sperry.

These are advanced courses giving a general introduction to the problems and teachings of the Nephite sacred literature.

***53. The Doctrine and Covenants and The Pearl of Great Price.** Spring. T. Th., 9:30. Sperry.

A careful study of the original history and content of these modern scriptures.

54, 55. The Doctrine and Covenants. Autumn, Winter. T. Th., 11:30. Two hours credit each quarter. Lambert.

A study of the situations which brought forth the revelations contained in the Doctrine and Covenants, and a consideration of their content.

69. Departmental Seminar. Autumn, Winter, or Spring. Time and credit to be arranged. Staff.

Intended for seniors or other advanced students, who may be admitted by permission of the instructors.

BIBLICAL LANGUAGES

The following courses in Biblical languages are offered. They carry religious credit and fulfill the language requirements for the A. B. degree.

HEBREW

51, 52, 53. Elementary Hebrew. Autumn, Winter, Spring. Daily, 1:30. Five hours credit each quarter. Sperry.

The elements of Hebrew grammar are thoroughly treated. Several elementary Hebrew books are read followed by intensive drill in the Old Testament.

54, 55, 56. Intermediate Hebrew. Autumn, Winter, Spring. M. W. F., 10:30. Three hours credit each quarter. Sperry.

Advanced grammar and readings from Genesis, Deuteronomy, Samuel, Kings, and certain of the Minor Prophets.

64, 65, 66. Advanced Hebrew. Autumn, Winter, Spring. T. Th. Time to be arranged. Two hours credit each quarter. Sperry.

This course consists of Hebrew syntax and selected readings from the Prophets and the Hebrew Wisdom Literature.

SYRIAC

51, 52, 53. Elementary Syriac. Autumn, Winter, Spring. T. Th., 2:30. Two hours credit each quarter. Sperry.

Hebrew 51, 52, 53 are prerequisites to these courses.

Elements of the grammar and readings from the Syriac New Testament.

54, 55, 56. Intermediate Syriac. Autumn, Winter, Spring. Th., 8:30. One hour credit each quarter. Sperry.

Advanced grammar and readings from the Syriac Old and New Testaments and other church literature.

NOTE: For Aramaic and Akkadian see under SEMITICS.

GREEK

51, 52, 53. Elementary Greek. Autumn, Winter, Spring. Three hours credit each quarter. Swensen.

Courses in the study of New Testament Greek. They are aspecially designed for those who are majoring in religion and linguistics to give reading experience in the Greek New Testament and Greek papyrus.

54, 55, 56. Intermediate Greek. Autumn, Winter, Spring. Three hours credit each quarter. Swensen.

Readings and translations from the Greek New Testament and Xenophon.

57, 58, 59. Elementary Modern Greek. Autumn, Winter, Spring. M. W. F., 8:30. Three hours credit each quarter. Swensen.

A course in Modern Greek. A study in Greek as a living language with diversified graded readings and elementary grammar.

60, 61, 62. Intermediate Modern Greek. Autumn, Winter, Spring. Three hours credit each quarter. Swensen.

Advanced readings in Modern Greek literature.

THEOLOGY AND RELIGIOUS PHILOSOPHY

Lower Division Courses

***11. Social and Religious Teachings of Jesus.** Autumn, Winter, or Spring. Two hours credit. W. H. Boyle, J. M. Jensen, Coffman, Allred.

A study of the social and religious teachings of Jesus with special emphasis on the Sermon on the Mount in the light of the present day application.

***21. The Principles and Doctrines of Mormonism.** Autumn. Winter or Spring. Two hours credit. Eyring, Cummings, DeJong, Sundwall.

A study of the basic principles and doctrines of the Church of Jesus Christ of Latter-Day Saints, the nature of religion, the Latter-Day Saint concept of God, of Christ, and of man and the ways of developing Divine-human relationships are considered.

*22. **Mormonism in Thought and Practice.** Autumn, Winter, or Spring. Two hours credit. **Merrill, Morley, Miller, Johansen.**

Consideration is given to the First Principles and ordinances of the Gospel of Jesus Christ; the place and function of ordinances in the Church and their application to the Mormon way of life.

*23. **Joseph Smith and the Restored Gospel.** Autumn, Winter, or Spring. Two hours credit. Sessions, Hoyt, Clarence C. Boyle, Shaw, B. F. Larsen.

The restoration of the Gospel and the founding of the Church of Jesus Christ and the need of the restoration constitute the first part of the course. This is followed by a study of Joseph Smith, the revealer and Prophet, the new scripture he brought forth and the Church he established.

Upper Division Courses

75. **Priesthood and Church Government.** Autumn. M W., 8:30. Two hours credit. Sessions.

In this course the students will be lead to see and appreciate Divine Administration in every dispensation of the Gospel. The powers, authorities, and functions of the Priesthood; its organization and its importance in Church government will be studied.

76, 77. **The Principles, Doctrine, and Philosophy of the Church of Jesus Christ of Latter-Day Saints.** Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Sessions.

This course will deal with the distinctive doctrines and principles of the Restored Gospel of Jesus Christ. It is an advanced course and will be adapted to students who have had seminary work or courses 21 and 23 of this department or their equivalent.

60. **Genealogy and Temple Work.** Autumn or Winter. T. Th., 11:30. Two hours credit. Sudweeks.

The doctrine of salvation for the dead and the place of temples in the plan of salvation will be studied. Present-day temples and how the membership of the Church is meeting its responsibilities for our dead ancestors will be emphasized.

86, 87. **Rationality of Religion.** Winter and Spring. T. Th., 11:30. Two hours credit each quarter. Guy C. Wilson.

Religion as life in its relationship to philosophy; the concept of God, His relations to man, and His plan for man's redemption; Jesus Christ and His relation to the plan; the Restored Gospel as a way of life. Arranged especially for Seniors.

91. **Contributions of Science to Religion.** Autumn, Winter, or Spring. T. Th., 11:30. Two hours credit. Hansen.

Interpretation of scientific concepts in their relation to presentday religious problems.

95. **Seminar.** Autumn, Winter, or Spring. Time and credit to be arranged. Staff.

Intended for seniors and advanced students who wish to pursue special work in the field of Theology.

CHURCH HISTORY

*54, 55. **Latter-Day Saint Church History.** Autumn, Winter. T. Th., 11:30. Two hours credit. Nicholes.

A history of the Church with a progressive study of the development of its institutions, beliefs, doctrines and religious practices in relation to their social and historical setting. A study of the distinctive trends, events, and achievements of the church.

56. **Biographies of Great Latter-Day Saint Leaders...** Spring. T. Th., 11:30. Nicholes.

A study of the biographies of Joseph Smith, Brigham Young and other great leaders of the Latter-day Saints. Sketches of their lives, background, distinctive characteristics, and important contributions to the Church.

*57. **Survey of Church History.** Autumn, Winter, or Spring. T. Th., 11:30. O. M. Wilson.

A study of the rise of the Christian Church from the time of the Apostles of Christ to modern times. Major emphasis is placed upon the growth of the Latter-Day Saint Church and its relation to its ecclesiastical predecessors.

58. **Builders of Earl Christianity.** Swensen. (Not given this year.)

A study of the outstanding leaders in the early Christian Church from the Apostles down to Augustine in 400 A. D. The peculiar conditions and background of the early Church in the Roman Empire, the impact of pagan culture and social influences upon the Church will be analyzed in the light of the experiences which these factors forced upon the early leaders. Major emphasis will be placed upon the type of character, specific problems, spiritual and moral leadership, and distinctive contributions of these leaders.

*70. **World Religions.** Autumn, Winter, or Spring. T. Th., 9:30. Two hours credit. Gaeth.

A survey of the major religions of the world. Christianity will be emphasized; the various Churches and denominations within it are studied. The outstanding Oriental Religions of India, Japan, China, and the Semitic people are considered, with emphasis upon their distinctive contributions and influences upon the world.

72, 73. Comparative Christian Religions. Autumn, Winter. T. Th., 8:30. Two hours credit. Swensen.

A comparative study of contemporary Christian religions, their historical growth, famous leaders, theological creeds, Church organizations, and present day trends.

CHURCH ORGANIZATION AND ADMINISTRATION

Lower Division Courses

*13. **Social Relations of College Students.** ("Courtship and Marriage"). Autumn, Winter, or Spring. Two hours credit. Lloyd, Ballif, Christensen, Pond.

A consideration of problems of college students as they relate to courtship, marriage and home making. Designed to assist students in the discovery of personal, social, and religious resources which may be used in successful family life.

41. **Missionary Training and Methods.** Autumn, Winter or Spring. Two hours credit. Sessions and Gaeth. Time to be arranged.

Improved techniques of Missionary work in the L. D. S. Church. Consideration will be given to the history of Christian missions and comparative methods of approach.

Upper Division Courses

61. **Technique of Genealogical Research.** Winter or Spring T. Th., 11:30. Two hours credit. Sudweeks.

Practice in genealogical research. The pedigree, the family record, temple sheets and temple ordinances.

66. **Study and Practice of Religious Speech.** Autumn. T. Th., 11:30. Two hours credit. Morley.

Study of the forms of Religious Speaking combined with practice in organization and delivery of these forms.

67. **Religious Drama.** Winter. T. Th., 11:30. Two hours credit. Pardoe.

A study and practice of the forms and function of drama in promoting the religious message.

68. **Religious Pageantry.** Spring, T. Th., 11:30. Two hours credit. Pardoe.

A study and production of Religious Pageantry and its place in promoting a religious message.

69. **Sacred Music: Appreciation and conducting.** Autumn or Spring. T. Th. Two hours credit. F. Madsen.

The place and influence of music in religion and worship. A study of its history and appreciation will be made. Students will be given instruction and practice in conducting.

72. **Methods in Religious Education.** Autumn. T., Th., 11:30. Two hours credit. Staff. (Not given this year.)

A consideration of the religious growth of children before the age of adolescence and a study of appropriate methods in their religious teachings.

73. **Methods in Religious Education.** Winter. T. Th., 11:30. Two hours credit. Waspe.

A study of the religious growth of adolescents with special emphasis on the adolescent girl. Improved methods in dealing with this age group in the various church organizations. Special attention to Bee Hive Work.

74. **Methods in Religious Education.** Autumn, Winter, or Spring. T. Th., 11:30. Two hours credit. Anderson.

A study of religious development of adolescents with special emphasis on the adolescent boy. Improved methods in dealing with this age group in scouting, priesthood, and other organizations. Special attention is given to scouting.

75. **Methods in Religious Education.** Spring. T. Th., 11:30. Two hours credit. Staff. (Not given this year.)

A study of the religious growth of adults and improved methods in teaching adult groups in priesthood and auxiliary organizations.

76. **The Curriculum of Religious Education.** Two hours credit. Staff. (Not given this year.)

The theory and practice of curriculum construction. A study of various types of curricula. The course will deal with a study of present curricula in the teaching organization of the church with a consideration of fundamental principles for future development.

78. **Methods of Religious Education.** Autumn, Winter, or Spring. (Time to be arranged. Two hours credit. Lloyd and Staff.

Practice teaching in church organizations. After a study of methods in religious education, students will be assigned to local ward organizations under supervision, where they may do practice teaching in religion. (Registration by consent of instructor.)

80. **Problems of Leadership Preparation in the Church.** Autumn. Winter, or Spring. T. Th., 11:30. Two hours credit. Lloyd. (Not given this year.)

The education and administration of the personnel of church organizations. Also a study of the basic pattern of lay leadership in the L. D. S. church. Special emphasis will be given to the qualities and characteristics of religious leadership.

81. **L. D. S. Church Organization and Administration.** Autumn. T. Th., 2:30. Two hours credit. Lloyd.

A study of the pattern of general and local church organization. Special attention will be given to the administrative function of the priesthood and the various auxiliary associations in the Stakes and Missions of the Church. Consideration will be given to the worship service and to making it effective as an instrument of religious devotion.

87. **Methods in Character Education.** Winter. M. W. F., 1:30. Three hours credit. Lloyd.

A study of the methods and techniques of character education that are now in use in the United States, and a critical evaluation of results. Special emphasis will be given to the place of Religion in the development of character.

SOCIOLOGY

Professor Swensen; Assistant Professors Christensen, Ballif.

Courses 11 and 12, or 55 and 56 are prerequisite to all other courses in sociology.

Students majoring in this department are required to take courses 53, 55, 56, 70, 80, and 81.

Sociology majors and minors are advised to broaden their background with courses in related fields. The following are especially recommended: Economics 60 and 61, Geography 52, Geology 1, History 1, Political Science 1, Psychology 11, Zoology 11, 18, and 97.

Lower Division Courses

11. **Introduction to the Study of Sociology.** Autumn, Winter (2 sections), and Spring. Daily, 2:30. Five hours credit each quarter. Ballif and Christensen.

This course is designed to give the ground work for social study. It presents a general view of social organization, social forces and a practical working theory of the nature of society.

12. **Social Problems.** Autumn and Spring. Daily, 7:30. Five hours credit. Ballif and Christensen.

This course deals with concrete social problems such as crime, poverty, racial conflicts, etc. Discussions, papers, and assigned readings.

Upper Division Courses

51. **Community Organization and Leadership.** Autumn. M. W. F., 10:30. Three hours credit. Ballif.

Problems of community life and action, and the methods of promoting them through organization and leadership.

53. **Rural Sociology.** Spring. M. W. F., 10:30. Three hours credit. Christensen. (See Agricultural Economics 53.)

A survey of social conditions in the rural life of America, with special reference to those social processes which are in operation at the present time.

55. **Introduction to the Study of Sociology.** Autumn and Winter. Daily, 8:30. Five hours credit. Swensen.

56. **Social Problems.** Winter. Daily, 9:30. Five hours credit. Swensen.

57. **Population Problems.** Autumn. M. W. F., 10:30. Three hours credit. Christensen.

A study of the growth and distribution of population. Such subjects as population density and mobility, birth and death rates, eugenic considerations, etc., will be discussed.

58. **Human Ecology.** Autumn. T. Th., 10:30. Two hours credit. Ballif.

A study of the spatial relationships of man as determined by his adaptation to physical and social environment. Discussions will center on such subjects as isolation, interaction, segregation, invasion, etc.

61. **Educational Sociology.** Autumn. M. W. F., 9:30. Three hours credit. Swensen.

An introductory study of the principles of educational sociology and their application to the theory and practice of school administration, curricula and methods of instruction.

66. **Urban Sociology.** Winter. T. Th., 10:30. Two hours credit Swensen.

A study of the evolution and problems of urban life, with special emphasis on the economic, ethical, and political influence of cities on modern society.

70. **Social Control.** Spring. M. W. F., 8:30. Three hours credit. Swensen.

A study of the means of the control of the individual by groups. Such agencies as public opinion, belief, social suggestions, ceremony, personal ideals, etc., will be studied in detail.

71. **Juvenile Sociology.** Spring. T. Th., 9:30. Two hours credit. Boyle.

This course deals with the educational problems of the adolescent, as related to the home, the school, industry, the community, and his own group.

72. **Crime and Delinquency.** Three hours credit. Ballif.

A study of the nature and extent of crime particularly in the United States. The course deals with the causes and also the treatment of crime, as it is followed in our penal institutions.

74. **Social Psychology.** Three hours credit. Autumn. Christensen.

A study of the social factors which influence human behavior. This course attempts to avaluate the social significance of mob-mind, propaganda, and other group phenomena.

75. **The Family.** Spring. M. W. F., 10:30. Three hours credit. Swensen.

A study of the history and development of our civilization. The course also considers the modern family and its problems.

76. **An Introduction to The Field of Social Work.** Autumn. T. Th., 10:30. Ballif.

An introductory survey of various fields and methods of social work; the extent of social work and its implications for related professions.

77, 78. **Social Case Work.** Autumn, Winter, and Spring. F. Two hours credit each quarter. Swensen and Callahan.

Principles and practices of case work with the maladjusted and the dependent.

79. **Methods of Research in Sociology.** Autumn. M. W. F., 8:30. Three hours credit. Christensen.

A critical survey of the various methods used in the investigation of sociological data. An attempt will be made to develop a theory of social research.

80. **Social Statistics.** (See Economics 74.)

81. The History of Social Theory. Spring. M. W. F., 9:30. Three hours credit. Swensen.

The course deals with evolution of social theories beginning with Plato and considering the developments through the early Christian Era and also the Medieval and modern social theorists.

82. Contemporary Sociology. Winter. M. W. F., 9:30. Three hours credit. Ballif.

A consideration of the present day sociologists and their contributions. Attention is given to the writings of leading social technologists.

90. Labor Problems. (See Economics 61.)

93. Race and Racial Problems. Winter. T. Th., 10:30. Two hours credit. Ballif.

An analysis of the classification and distribution of races, and of the problems which grow out of racial conflict.

95. Introduction to Anthropology. Spring. Three hours credit. Christensen.

The course deals with the origin, antiquity, and progress of man in his early period.

96. Cultural Anthropology. Winter. M. W. F., 10:30. Three hours credit. Christensen.

An analysis of the social institutions of primitive people and how those institutions have developed. The meaning and content of culture.

98. Seminar. Swensen, Christensen, Ballif.

During the year 1940-41, current social problems will be considered.

Graduate Courses

101, 102, 103. Research. Time and credit to be arranged. Swensen, Christensen, and Ballif.

Opportunity is given for the student to work out a problem in the field of his greatest interest. Direction in the methodology of research in the social science field, and in the presentation of material.

151. Community Organization. Autumn. M. W. F., 10:30. Three hours credit. Ballif. (See Sociology 51.)

161. Educational Sociology. Autumn, 9:30. Three hours credit. Swensen.

166. Urban Sociology. Winter. Two hours credit. Swensen.

170. **Social Control.** Three hours. Swensen.
171. **Juvenile Sociology.** Spring. Two hours credit. Boyle.
172. **Crime and Delinquency.** Three hours. Ballif.
174. **Social Psychology.** Three hours credit. Christensen.
175. **The Family.** Spring. Three hours credit. Swensen.
179. **Methods of Social Research.** Three hours credit. Christensen.
181. **History of Social Theory.** Three hours credit. Swensen.
186. **Social Organization.** Spring. Three hours credit.
190. **Labor Problems.** Winter. Three hours credit.
191. **Labor Legislation.** Spring. Three hours credit.
193. **Race and Race Problems.** Winter. Two hours credit. Ballif.
196. **Cultural Anthropology.** Winter. Three hours credit. Ballif.
197. **Research.** Time and credit to be arranged.
198. **Seminar.** Two hours credit. Swensen, Christensen, and Ballif.
200. **Thesis.**

SPEECH

Professors Pardoe, Morley, De Jong; Mr. Clinger, Miss Billings

Students majoring in this department are required to furnish two years in a foreign language. They may elect one of the four divisions, public speaking, dramatic art, play production or speech science. Requirements for public speaking are Speech 1, 2, 3, 4, 11, 12, 51, 52, 84p, 91, and 95. Requirements for dramatic art are Speech 1, 2, 4, 11, 12, 22, 42, 43, 61, 62, 72, 73, 77, 78 or 79, 81p, 87p, 91 and 95.

Requirements for play production are Speech 1 or 2, 11, 12, 13, 21 or 22, 42, 43, 71, 72, 73, 77, 78 or 79, 91 and 95 or 96.

It is advisable to register for Physics 11, Psychology 11, Psychology 74, and Art 21.

Students minoring in Speech should qualify in the following courses: Speech 1, 2, 4, 11, 12, 51 or 52, 72 or 73, 91, and 95.

Lower Division Courses

*1. **Principles of Speech.** Autumn. Sec. 1, M. W.; Sec. 2, T. Th., 9:30; Sec. 3 and 4, M. W.; Sec. 5. T. Th., 1:30; Sec. 6, M. W., 2:30. Two hours credit. Morley, Clinger.

The elements of speech, development of ability in the fundamental processes of speech, and simple outline of speeches constitute the major portion of this course.

*2. **Open Forum Discussions.** Winter. Sec. 1 M. W.; Sec. 2, T. Th., 9:30; Sec. 3 and 4, M. W.; Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30. Two hours credit. Morley, Clinger.

Practice in extemporaneous speech, types of public discussion and application of speech principles. Vocabulary building.

*3. **Speech Analysis.** Spring. Sec. 1, M. W.; Sec. 2, T. Th., 9:30; Sec. 2 and 4, M. W.; Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30. Two hours credit. Morley, Clinger.

The study of models of speech composition. Practice in delivery and analysis. Individual needs especially motivated.

4. **Voice and Diction.** Autumn, Winter, Spring. T. Th., 2:30. Two hours credit. Morley.

A laboratory study and supervised development of good voice and diction. Especially planned for prospective teachers.

*11. **Elementary Speech Problems.** Autumn. Sec. 1, M. T. W. Th., 8:30; Sec. 2, M. T. W. Th., 10:30; Sec. 3, M. T. W. Th., 1:30. Four hours credit. Pardoe

Fundamental principles of speech arts, with emphasis on pantomime

*12. **Classical Literature.** Winter. Sec. 1, M. T. W. Th., 8:30; Sec. 2, M. T. W. Th., 10:30; Sec. 3, M. T. W. Th., 1:30. Four hours credit. Pardoe.

Application of the elements of reading to great scenes of classical literature.

*13. **Dramatic Monologue.** Spring. Sec. 1, M. T. W. Th., 8:30; Sec. 2, M. T. W. Th., 10:30; Sec. 3, M. T. W. Th., 1:30. Four hours credit. Pardoe.

Special attention is given to the dramatic monologue and soliloquy.

21. **Interpretative Literature.** Autumn. M. W. F., 9:30. Three hours credit. Pardoe.

Character delineation forms a great portion of this work.

22. **Dialogue and Scene Presentation.** Winter. M. W. F., 9:30. Three hours credit. Pardoe.

The great scenes from Shakespeare and classical literature. Character analysis and presentation. Prerequisites: Courses 11, 12, 13.

---

*Classes in Speech 1, 2, 3, 11, 12, and 13, are limited to twenty members. Assignments are made by Speech Department at registration.

42. Practical Phonetics. Autumn or Winter. T. Th., 1:30. Two hours credit. De Jong.

A course prescribed for all majoring in speech. Given to aid students to acquire a better understanding of English and foreign diction. (See Department of Modern and Classical Languages, Phonetics 42.)

43 or 44. Representative Dialect. Spring, M. W. F., 9:30. Three hours credit. Pardoe.

A study of dialect as an element in interpretation. Scotch, Italian and Yiddish alternate each year with Cockney, Negro and class choice. Scotch on even years. Prerequisite: Course 42.

51. Advanced Speech Composition. Autumn. M. W. F., 9:30. Three hours credit. Morley.

An intensive study of the organization of advanced forms of public speaking and practical experience in their delivery with special emphasis upon sermon and lecture.

52. Argument and Debate. Winter. M. W. F., 9:30. Three hours credit. Morley.

A study of the principles of argument followed by a series of debates on current questions. (See English 52.) Prerequisites: English 1, 2, 3; Speech 1, 2.

53. History of Public Speaking. Autumn. M. W. F., 9:30.

A comparative study of world oratory.

57. Advanced Debate. Winter. One hour credit. For such members of the debating squad as can qualify and register for this course, subject to the approval of the Speech Department.

58, 59, 60. Radio Broadcasting. Autumn, Winter, Spring. M. W., 3:30. Two hours credit. Pardoe, Morley and Staff.

Technique of radio speech and preparation for broadcasting. Prerequisite Speech 4. Laboratory fee $1.00.

61. Speech Projects. Autumn. T. Th., 3:30. Two hours credit. Pardoe.

A speech seminar for the study of individual problems. Required of all majors in dramatic art. Course prepares for 62.

62. Impersonation. Winter. M. T. W. Th., 3:30. Four hours credit. Pardoe.

An advanced course leading to the reading of full programs. Only those who have built a proper voice foundation, and who can qualify in Speech 1, 2, 11, 12, 13, and 22 are eligible. Speech 61 is obligatory for this course. The Mask Club is the laboratory for this course.

65. **Historic Costume and Costume Design.** Winter. M. W. F., 1:30. Three hours credit. Billings.

Historic development of fashion and fashion trends. Costume studies for plays and period designing.

71. **Stage Craft.** Autumn. M. W. F., 1:30. Three hours credit. Pardoe.

It is suggested that students take Art 21 as a preparation for this course.

72. **Play Production.** Winter. M. W. F., 1:30. Three hours credit. Pardoe. Three classes and one laboratory period per week. Advanced students only. Courses 11, 12, 13, and 22 are prerequisite.

73. **Acting.** Spring. M. W. F., 1:30. Three hours credit. Two classes and one laboratory period per week. Advanced students only. Required of all Speech Seniors. Pardoe.

77. **History of Dramatic Production.** Autumn. T. Th., 1:30. Two hours credit. Pardoe.

The Egyptian, Grecian, and Roman Theatre. A study of the means employed in the theatrical presentations of these periods.

78. **History of Dramatic Production.** (Oriental and Medieval.) Winter. T. Th., 1:30. Two hours credit. Pardoe.

79. **History of Dramatic Production.** (Elizabethan.) Spring. T. Th., 1:30. Two hours credit. Pardoe.

81p. **Dramatic Technique.** One hour credit per quarter for each recitation per week. Pardoe.

An intensive individual course in advanced interpretation. Time and fee to be arranged with instructor.

84p. **Public Speaking.** One hour credit per quarter for each recitation per week. Pardoe and Morley.

An intensive individual course designed for those who desire to concentrate on organization and delivery of the more advanced forms of public speech. Time and fee to be arranged with instructor.

87p. **Voice and Speech Improvement.** One hour credit per quarter for each recitation per work. Pardoe and Morley.

An intensive individual course designed to help the student acquire good speech habits with particular attention to development of a pleasing, well-modulated speaking voice. Time and fee to be arranged by instructor.

91. **Methods of Teaching Speech.** Spring. T. Th., 8:30. Two hours credit. Clinger and Staff.

Organization of high school departments of speech. Selection of materials and methods to be employed in speech teaching.

94. **Speech Correction.** Autumn. M. W. F., 8:30. Three hours credit. Morley.

Laboratory and clinical methods for the study and correction of speech defects.

95. **Clinical Methods in Speech Correction.** Winter. M. W. F., 8:30. Three hours credit. Morley.

Study and training in the methods of diagnosis, treatment and equipment used in the modern speech clinic. Handling of actual cases will form an important part of the course. Prerequisite: Speech 95.

96. **Psychology of Speech.** Spring. M. W. F., 8:30. Three hours credit. Morley.

A study of the psychological elements of language and expression.

Graduate Courses

131. **Technique of Play Writing.** Winter. Three hours credit. Pardoe. Time to be arranged. May be taken by advanced upper division students.

132. **Technique of Play Writing.** Spring. Time to be arranged. Three hours credit. Pardoe.

The writing and producing of original plays, with emphasis upon western themes. May be taken by advanced upper division students.

143 or 144. **Dialect Research.** Spring. M. W. F., 9:30. Laboratory, two hours per week. Three hours credit. Pardoe. Prerequisite: Speech 42.

151. **Advanced Speech Composition.** Autumn. M. W. F., 9:30. Three hours credit. Morley.

An intensive study of the organization of advanced forms of public speaking and practical experience in their delivery. Each student will make an individual study of an eminent orator.

152. **Argument and Debate.** Winter. M. W. F., 9:30. Three hours credit. Morley.

Advanced study of principles of argument and experience in their use by applying them in a series of debates on current questions. An individual study of some phase or argument or logic will be required. Prerequisite: English 1, 2, 3, and Speech 1 and 2.

158, 159, 160. **Radio Broadcasting.** Autumn, Winter, Spring. M. W., 3:30. Two hours credit. Pardoe, Morley and Staff.

171. **Stage Craft.** Autumn. M. W. F., 2:30. Three hours credit. Pardoe.

172. **Play Production.** Winter. M. W. F., Three hours credit. Pardoe.

173. **Acting.** Spring. M. W. F., 2:30. Three hours credit. Pardoe.

177. **History of Dramatic Production** (Ancient). Winter. T. Th., 1:30. Two hours credit. Pardoe.

178. History of Dramatic Production. (Oriental and Medieval Theatre). Winter. T. Th., 1:30. Two hours credit. Pardoe.

179. History of Dramatic Production. Includes the Elizabethan period. Spring. T. Th., 1:30. Two hours credit. Pardoe.

180p. Speech Clinic. Students may enter at any time during the year. Morley.

Corrective treatment of stuttering, stammering, lisping, oral inaccuracy, poor voice and other forms of speech and voice disorders. A thorough diagnosis will be made and treatment organized in accordance with individual needs. Time and fee to be arranged.

191. Methods of Teaching Speech. Spring. T. Th., 8:30. Two hours credit. Morley.

194. Psychology of Speech. Autumn. M. W. F., 8:30. Three hours credit. Morley.

A study of the psychological elements of language and expression.

195. Speech Correction. Winter. M. W. F., 8:30. Three hours credit: Morley.

An advanced study of the nature, causes and treatment of all types of speech disorders. An individual research problem required.

196. Clinical Methods in Speech Correction. Spring. M. W. F., 8:30. Three hours credit. Morley.

Study and training in the methods of diagnosis, treatment and equipment used in the modern speech clinic. Work with cases will form important part of the work. Students will make an individual study of some important clinical problems. Prerequisite: Speech 95.

197. Seminar in Speech Science. Time and place to be arranged. One or two hours credit.

200. Thesis. Three to five hours credit. Time to be arranged. Pardoe, Morley.

Individual research upon a problem of importance to speech. Ability to conduct experiments necessary. Subject must be submitted for work during at least three quarters.

ZOOLOGY AND ENTOMOLOGY

Professor Tanner; Doctor Cullimore; Assistant Professors Johanson, Beck and Hayward.

Students majoring in this department must complete courses 11, 18, 28, 30, 55, 57, 59, 65, 66, 70, 72, 75, and 97. Substitution of other courses is permitted in special cases. Students are advised to complete two years of German and French if they contemplate doing advanced work in Zoology or Entomology. All course work should be taken in the following sequence: Freshmen 11, 18, and 30; Sophomores 28, 65, 66, and 55; Juniors 57, 59, and 70; Seniors 72, 75, and 97.

Students who expect to study Medicine may take Zoology for their major subject and should complete the following courses in the sequence indicated: Freshmen 11 and 18; Sophomore 65, 66, and 55; Juniors 70, 71, and 56; Seniors 72 and 75.

Students who desire to teach Biology in the high school should complete the following courses: 11, 18, 28, 30, 57, 53, 59, 45, and 77; Botany 1, 2, 3, and 60; Bacteriology 21 and 22.

Facilities for the Study of Zoology and Entomology

The natural history collections consist of a very complete collection of Utah fish, amphibians, reptiles, birds, and mammals. This collection is also supplemented by the Chester Van Buren collection of birds from Magdelena River of Colombia the David Starr Jordan collection of fish from the Hawaiian Islands. The entomological collection contains authoritatively named specimens in all the orders of insects. The pinned insects are placed in four hundred trays, 18x19 inches in size, two inches deep. The specimens are pinned in unit boxes. The Lepidoptera collection is a very complete one of Utah and the Great Basin region. It contains over six hundred named species and ten thousand specimens. It is made up of the famous Tom Spalding collection and the Chester Van Buren collections. The Coleopetera collection contains over six thousand determined species and forty thousand specimens. It contains a very complete collection of weevils, the Chas. W. Leng collection of 1676 species, 300 species from the Blatchely collection, and the Charles Schaffer weevil collection, consisting of 813 species. Many types, cotype and paratype specimens are in the collections. All these collections are housed in the new fire-proof Geo. H. Brimhall Building.

ZOOLOGY

Lower Division Courses

11. **General Zoology.** Autumn. M. W. F., Sec. 1, 8:30; Sec. 2, 10:30; Winter, Sec. 1, M. W. F., 9:30; Spring, M. W. F.; Sec. 1, 8:30; Laboratory Sec. 1, T. Th., 1:30-3:30; Sec. 2. T. Th., 3:30:5:30; Sec. 3, M. W., 1:30-3:30; Sec. 4, M. W., 3:30-5:30. Five hours credit, Tanner and Beck.

    Fundamentals of structure, physiology, development, heredity, adaptations, classifications, and bearing of Biology on human life.

18. **Heredity.** Autumn. M. W. F., 9:30. Winter and Spring. M. W. F., 2:30. Three hours credit. Beck.

    A study of the facts which form a basis for the knowledge of heredity and variation in plants and animals, with special emphasis on heredity in man. The course is designed to give prospective teachers a good background in facts relating to the importance of heredity and environment in the development and life of man. Prerequisite: A course in General Zoology or General Botany.

28. Aquatic Zoology. Autumn. M. W. F., 8:30. Three hours credit. Tanner.

A general course in the study of fresh water animals of Utah Lake.

42. Eugenics. Spring. M. W. F., 10:30. Three hours credit. Beck.

A bio-social study of the family in its presen [illegible] etting. Prerequisite: General Zoology or Genetics.

45. Vertebrate Anatomy and Physiology. Wint [illegible] W. F., 8:30. Laboratory M. W., 1:30-4:30. Fou[illegible] hours credit. Hayward.

This course is designed for the majors and minors in physical education. The instruction will provide for a preporation to teach such subjects as physiology, hygiene, and general zoology in the high school curricula. A general survey of the vertebrate animals will be undertaken. A thorough appreciation of comparative anatomy of representative vertebrates and their physiology will constitute the main part of the laboratory work.

Upper Division Courses

53. Animal Ecology. Spring. M. W. F. S., 9:30. Three hours credit. Hayward.

The environment, natural habitats, adaptations, relationships of organisms. and distributions of species and communities will be considered. Prerequisite: Zoology 11, 28, 57, 59, and Entomology 30.

55. Invertebrate Zoology. Winter. T. Th., 8:30. Laboratory T. Th. F., 1:30-4:30. Five hours credit. Beck.

This course is designed to follow Zoology 11, and is intended to give the students a broader knowledge of the morphology and relationship of the invertebrate groups.

56. Comparative Anatomy. Spring. M. W. F., 1:30-4:30. Five hours credit. Hayward.

A detailed study of the comparative anatomy of the vertebrates. Prerequites: Zoology 55 and 72.

57. Vertebrate Zoology; Birds and Mammals. Autumn. M. W. F., 8:30. Three hours credit.

A course in the evolution, structure, classification, and distribution of birds and mammals with special reference to the Utah species. Prerequisite: Zoology 11.

58. Health Education for Teachers. Autumn, Winter, Spring. M. W., 1:30. Three hours credit. Cullimore. (See Elementary Education 58.)

Designed especially for those who are preparing to teach in the public schools.

59. Cold Blooded Vertebrates; Fish Amphibians and Reptiles. Winter. M. W. F., 8:30. Three hours credit. Tanner.

An introductory course dealing with the problems relating to the evolution, life history and classification of cold blooded vertebrates found in this region.

61. **Nutritional Physiology.** Winter. T. Th. S., 9:30. Three hours credit. Johanson.

A course designed to acquaint students with the methods employed in small animal experimentation. Feeding experiments will be conducted with emphasis placed upon the deficiency diseases and protein and mineral requirements in the diet. Prerequisite: Organic Chemistry. (See Animal Husbandry 61.)

62. **Special Problems in Nutritional Physiology.** Spring. Time and credit to be arranged. Johanson.

Students will carry on individual research work with white rats, chickens, and turkeys. Prerequisite: Zoology 61.

65. **Human Physiology.** Autumn. M. W. F., 9:30. Three hours credit. Hayward.

This course is designed to give the student a working knowledge of the life processes as they function in man. Prerequisite: Zoology 11. (See Animal Husbandry 65.)

66. **Human Physiology Laboratory.** Autumn. T. Th., 1:30-4:30. Two hours credit. Hayward.

70. **Histological Technique.** Winter. M. W. F., 1:30-4:30. Three hours credit. Hayward.

Practical training in fixing tissues, embedding, sectioning, staining, and mounting of permanent specimens.

71. **Histology.** Autumn. M. W. F., 1:30-4:30. Three hours credit. Hayward.

Microscopic study of the structure of the tissues and organs of animals.

72. **General Embryology.** Spring. T. Th., 1:30-5:30. Three hours credit. Hayward.

The origin and development of the organs and organ-systems of vertebrate animals, especially the chick, are studied.

75. **History of Biology.** Winter. T. Th., 10:30. Two hours credit. Tanner.

A study of the development of biological thought from the time of the earliest writers to the present.

77. **Nature Study for Teachers.** Spring. M. W. F., 7:30. Three hours credit. Hayward, Tanner and Beck.

A practical course dealing with the birds and other animals of the region, and some plant life in relation to nature study and biology courses. Students will be taught to identify the common animals and trees by means of prepared specimens and field trips. Instruction will also be given in methods of collecting and preserving natural history material for elementary and high school work. A study of aquaria and animals for the school room will be made.

80, 81. **Junior Year Seminar.** 82, 83. **Senior Year.** Autumn. Winter. W., 4:30. One hour credit each quarter. Staff.

Required of all majors in this department during their junior and senior years.

85. **Fresh Water Zoology Problems.** Spring. Time and credit to be arranged. Tanner.

Special problems dealing with the Plankton, Molluska, insects, fish, etc., of the lake. Problems will be assigned to individual students.

91, 92, 93. **Field Zoology.** Time and credit to be arranged. Tanner, Beck and Hayward.

Students may make extensive collections of the animal life of this state or adjoining states and then make a report of the same. This course aims to give training in systematic Zoology and museum work.

97. **Genetics and Racial Hygiene.** Winter. M. W. F., 10:30. Three hours credit. Tanner.

This course attempts to lay a foundation for the understanding of the various problems which relate to the origin and genetics of the human race, with emphasis upon such phases as race origins, race deteriorations, race supremacy, and race betterment. The subject matter of the course will include such topics as the following: origin, characteristics and classification of the main divisions of races; population policies, problems of eugenics and genetics; marriage laws, in-breeding and out-breeding; sterilization laws; and future of the human race and race betterment.

Graduate Courses

113, 114, 115. **Research Work in Systematic Vertebrate Zoology.** Time and credit to be arranged.

117, 118, 119. **Zoological Research.** Time and credit to be arranged.

This course is open to all students prepared to do graduate work in any branch of zoological science.

153. **Animal Ecology.** (See Course 53.)

157. **Vertebrate Zoology.** (See Course 57.)

159. **Cold Blooded Vertebrates.** (See Course 59.)

161. **Nutritional Physiology.** (See Course 61.)

162. **Special Problems on Nutritional Physiology.** (See Course 62.)

175. **History of Biology.** (See Course 75.)

197. **Genetics and Racial Hygiene.** (See Course 97.)

200. **Research. Thesis.** Credit by arrangement.

This course is required of all students seeking a master's degree in this department.

ENTOMOLOGY

Lower Division Courses

30. **Elementary Entomology.** Autumn. M. W. F., 9:30. Three hours credit. Tanner.

This course is intended to interest students in insect life. A study of the structure, development and classification of some of the more important insects will form a basis of this course.

31. **Morphology of Insects.** Winter. M. W. F., 9:30; Laboratory, Th., 1:30-4:30. Four hours credit. Tanner.

It is the purpose of this course to teach the structures of insects and the importance of these structures in a systematic study of insects. A few typical insects will be thoroughly studied.

32. **Insect Classification.** Spring. M. W. F., 9:30; Laboratory, Th., 1:30-4:30. Four hours credit. Tanner.

Students will collect and study systematically the insect fauna of the Provo region. Prerequisite: Course 31.

34. **Economic Entomology—Field, Orchard and Garden Insects.** Spring. M. W. F., 10:30. Laboratory, M., 2:30-5:30. Three hours credit. Tanner.

A study of the principal injurious and beneficial insects of the field, orchard and garden. Will include field, laboratory, and bibliographic work. Prerequisite Course 30.

Upper Division Courses

61. **Advanced Study of the Hymenoptera.** Autumn, Winter, Spring. Three hours credit. Time to be arranged.

A morphological and systematical study of the groups of western Hymenoptera in which the student may be interested.

62. **Advanced Study of the Coleoptera.** Autumn, Winter, Spring. Three hours credit. Time to be arranged. Tanner.

Students may study the weevils or other Coleoptera from the systematic, morphological, or economic standpoint.

63. **Arthropods of the Intermountain States.** Spring. M. W. F., 10:30. Three hours credit. Tanner.

A general course dealing with the morphology, physiology, and classification of the Arthropods of this region. An important course for all majors in Zoology.

64. **Advanced Entomology.** Winter and Spring. Time and credit to be arranged.

Open only to advanced students who are prepared to do systematic, morphological, or economic work.

94. **Principles of Nomenclature.** Winter. M., 4:30. One hour credit. Tanner.

A lecture course dealing with the principles of nomenclature and intended to meet the needs of students from any of the biological departments.

96. **Special Problems in Entomology.** Winter and Spring. Two hours credit. Time to be arranged. Tanner.

Students will be encouraged to study the internal morphology of various groups of insects.

Graduate Courses

102, 103, 104. **Special Problems in Systematic Entomology.** Time and credit to be arranged.

Studies in the structure and classification of certain groups of insects as Coleoptera, Diptera, Hymenoptera, etc.

105, 106. **Research Work in Insect Morphology.** Time and credit to be arranged.

Special emphasis will be placed upon the morphology of the beetles. However, students may choose any group for detailed study.

107, 108, 109. **Special Problems in Economic Entomology.** Time and credit to be arranged.

The student is here given an opportunity to make a more or less detailed study of some insect or group of insects of economic importance. Students are encouraged to do considerable life history work.

110, 111, 112. **History of Entomology.** A one hour lecture or seminar course required of all graduate students. Time and credit to be arranged.

Extension Division

FACULTY

FRANKLIN STEWART HARRIS, President
CARLTON CULMSEE, Director, Journalism
AMOS N. MERRILL, Secondary Education
BENJAMIN F. CUMMINGS, Languages
THOMAS L. MARTIN, Agronomy and Bacteriology
WILLIAM J. SNOW, History
T. EARL PARDOE, Speech, Drama
M. WILFORD POULSON, Psychology
VASCO M. TANNER, Zoology and Entomology
GERRIT DE JONG, Jr., Languages
GEORGE H. HANSEN, Geology and Geography
HARRISON V. HOYT, Accounting
ELMER MILLER, Economics
MILTON MARSHALL, Physics, Mathematics
GUY C. WILSON, Religious Education
FRANKLIN MADSEN, Music
A. C. LAMBERT, Educational Administration
EFFIE WARNICK, Home Economics
J. MARINUS JENSEN, English
CHARLES J. HART, Physical Education
WAYNE B. HALES, Physics and Mathematics
H. GRANT IVINS, Animal Husbandry, Religion
SETH T. SHAW, Horticulture
BERTRAND F. HARRISON, Botany
SIDNEY B. SPERRY, History
WESLEY P. LLOYD, Philisophy of Education
WILLIAM H. SNELL, Drawing
JOSEPH SUDWEEKS, Educational Admin., Religion
ALONZO J. MORLEY, Speech
IDA S. DUSENBERRY, Educational Psychology, Elem. Education
EDGAR M. JENSON, Art
ELSIE C. CARROLL, English Literature
IRENE S. BARLOW, Home Economics
W. ELMO COFFMAN, Geography
D. ELDEN BECK, Zoology
ARIEL S. BALLIF, Sociology
JOHN E. HAYES, Registrar
KIEFER B. SAULS, Secretary - Treasurer
O. MEREDITH WILSON, History
ILEEN ANN WASPE, Business English
VERLA L. BIRRELL, Art
HARRY SUNDWALL, Office Practice
WELDON J. TAYLOR, Accounting

ANNA B. HART, **High School English**
THOMAS C. PETERSON, **Visual Instruction**
GEORGE H. SMEATH, **Landscape Architecture**
AFTON HAWKER, **Clerk**

Special Instructors

MRS. CHRISTEN JENSEN, **English Literature**
MRS. NELLIE S. THORNTON, **English**
J. F. WAKEFIELD, **Apiculture**
A. A. ANDERSON, **Scouting**

Home Study Service

Since the organization of Brigham Young University Extension Division in 1921, formal instruction by home study and extension classes has been given to many thousands of individuals. Other thousands have received instruction through Leadership Institutes, including the annual Leadership Week of the University, and through lectures by members of the faculty, club programs, and other services.

The Extension Division offers correspondence work, among other services, to aid in enlarging the educational horizons of the many people who cannot take standard college work in residence. It is the desire of the Extension Division to assist anyone, anywhere, to continue his or her education.

Supervised individual instruction from a highly-trained instructor has definite advantages to the correspondence student, but perhaps the greatest advantages come through the serious application and independent thinking the student must contribute to the completing of his course. His success in the work depends largely upon his own initiative and eagerness for knowledge, and upon his personal standards of the quality of the work he is doing.

B. Y. U. Nationally Accredited

Brigham Young University, founded and endowed in 1875 by Brigham Young, is one of the most rapidly growing universities in the West. About four thousand people now receive institutional credit each year.

Brigham Young University is a standard American university. It is on the approved list of the Association of American Universities, Association of American Colleges, the American Council on Education, and the Northwest Association of Secondary and Higher Schools, and the National Organization of Associated Women Students. This means that its credits are accepted as widely as those of other similarly rated institutions.

Distinction Between Correspondence and Extension Classes.

The term, Extension work, includes among other services both extension and correspondence classes. The latter are also called home study classes. An extension class is one taught by a faculty member, in essentially the same way as he handles his regular residence classes. Extension classes are often held in outlying towns, where the instructor goes each week for a certain length of time until the requirements of the course of study have been met.

Home study or correspondence courses are those for which individual students enroll at the Extension Division. The work is handled by study outlines and textbooks, and is divided into lessons or assignments which the student prepares and submits to the deignated instructor for correction and grading. At the completion of lesson work, the student may come to the extension office for his examination (if convenient), or a supervised test will be given him at his own address. His grade is determined by an average of his lesson grades, fifty per cent, and fifty per cent on the examination grade.

Cost of Extension Work

So far as information is available, the cost of extension work in Utah is lower than in any other state in the union. Even if it were several times as costly, it would still be less than the cost of residence work. When it is remembered that the individual does not need to give up regular employment but can do extension work at night and at other times of leisure, the inexpensiveness of this type of study is still more apparent.

Unless otherwise stated, the fees are $2.50 per credit hour. Exceptions are made for only two or three courses where the instructor must do added work or provide special materials.

The student must buy his textbooks. Supplementary readings listed as such may be used on the library fee basis; the student pays a fee of $2.00 for each course and receives $1.00 back as a refund when the books are returned in good condition. Textbooks may be purchased from B. Y. U. Student Supply Company, or ordered direct from the publisher.

Some second-hand books are available at the Extension Division and will be supplied whenever possible, unless new books are specifically designated.

The Extension Division pays postage on material sent to the student. The latter pays postage on material sent to us.

Methods of Correspondence Instruction

With few exceptions, each home study course carries credit equivalent to the corresponding course in residence and therefore will cover the same amount of work. Most of the courses contemplate the student's doing about five assignments for each quarter hour of credit received.

After filing application for enrollment and paying the fee, the student is sent the assignments. He receives full instructions as to required reading and the preparing of his lessons, including questions to test his knowledge of the material.

When a lesson is completed, the papers are to be mailed to the Extension Division, Brigham Young University, Provo, Utah. The lessons are checked and graded by the designated instructor. and returned to the student.

Eligibility

A student may begin correspondence work (for credit) if he has met, or can meet, the entrance requirements of Brigham Young University as designated in the general catalogue, and if he is not regularly enrolled in residence work. (Students carrying residence work must have the signed approval of their dean, if they wish to enroll for correspondence classes.) A mature student may take correspondence work provided he can do the work satisfactorily, but the credit will not apply toward a degree until entrance resquirements of the University are met. High school units of credit are available in some subjects, but enrollees (of high school age) must send with their applications a letter from the principal, stating the reasons why such credits should be earned in correspondence, and giving signed approval.

Regulations

1. A total of 45 hours may be earned in extension and correspondence classes, to apply toward the 186 required for graduation from this university.

2. No graduate credit can be earned in correspondence courses.

3. A total of nine hours of graduate credit can be earned in extension courses, provided it is in the major field of study or very closely allied to it and has been approved.

4. A student may begin at any time a course for which he is eligible, add should aim to complete the course within a year from the time he enrolls.

5. Students must distribute reports with approximate regularity throughout the perio dof study. Each assignment is in-

tended to cover about a week's work (one hour per day); should it be desirable to send in more than two assignments each week, the student must obtain the permission of the instructor.

6. Even with special permission a student may complete no more than four credit hours per month, by home study.

7. A student may not take correspondence or extension classes while doing residence work, without the consent of his dean. Provided his total hours amount to more than sixteen, he must submit a petition to the petitions committee, for the extra credit.

8. A student who does not report either by lesson or by letter within a period of ninety days forfeits his right to further instruction in the course and will be allowed to take up the work again only upon payment of a $2.50 reinstatement fee.

9. Unless otherwise stated, examinations are required in all courses before credit is given. These examinations must be supervised by a responsible school official. Where it is convenient, the examination should be taken at the Extension Division. Room 304 Brimhall Building. B.Y.U.

10. Fees will not be refunded because of inability of a student to continue a course for which he has registered. He may be given permission to change to some other course in correspondence, if no work has been done.

11. Extension or home study classes not paid for in full at the time of completion of lesson work are subject to a late-payment fee of $2.50 for each class.

12. Prompt responses by both students and instructors are expected, and are necessary for successful correspondence study. The Extension Division will appreciate receiving work at regular intervals and explanations for any necessary delays.

Other Extension Services

In addition to correspondence and extension classes, the Extension Division offers the following services:

1. **Visual Aids Service.** The Extension Division maintains a Bureau of Visual Instruction library of 16-millimeter motion pictures, 35-millimeter film strips, and glass slides. Illustrative material for practically every course in the usual curriculum is available. During the 1939-40 school year approximately 35,000 students ranging from kindergarten to college grade regularly viewed educational pictures from the Bureau and many hundreds of others attended occasional showings. It is commonly found that the proper use of visual aids to instruction leads to a measurable increase in learning. The above-mentioned aids may be

borrowed by schools and other non-theatrical organizations. A catalog listing the materials available, rules under which they may be borrowed, and service fees, will be sent upon request.

2. **Leadership Institutes.** In addition to the general Leadership Week held each year at the University, members of the faculty sometimes go into communities and hold local institutes. With the cooperation of the university, and of the L. D. S. stakes concerned. Leadership Weeks are now held annually in several other regions of the west.

3. **Lyceum and Lecture Courses.** Professional lyceum numbers in music, drama, and lecture are available at nominal charges. Where communities desire, they may secure a series of lectures by members of the faculty on a variety of subjects. A lecture course of eight or ten numbers is recommended to commercial clubs, school districts, and other civic or religious groups.

4. **Free lecture and Entertainment Service.** Within reasonable distance from Provo, faculty members and student groups may be secured for the payment of expenses. High schools, ward organizations, civic clubs, and others have availed themselves of this opportunity in the past.

5. **Programs for Women's Clubs.** Study outlines in a number of subjects, each of which covers a full year's work, are available to women's clubs upon the payment of a nominal subscription fee of $6.00. Additional copies of the outline may be had for 50c each.

CORRESPONDENCE COURSES

Agronomy

21x **General Crops.** Four hours credit. Shaw.

41x **Soils.** Three hours credit. Martin.

92x. **Bacteria in Relation to Soil Fertility.** Three hours credit. Martin.

94x. **History of Agriculture.** Three hours credit. Martin.

99x. **Agricultural Literature.** Credit to be arranged. Martin.

Animal Husbandry

2x. **History of Breeds of Live Stock.** Five hours credit. Ivins.

8x. **Practical Poultry Farming.** Three hours credit. Ivins.

Art

14x. **Commercial Art.** Two hours credit. Jenson.

15x. **Commercial Art.** Two hours credit. Jenson.

16x. **Commercial Art.** Two hours credit. Jenson.

17x. Illustration. Two hours credit. Jenson.

41x, 42x, 43x. Normal Art. Three hours each unit. Jenson.

52x, 53x. Art History and Appreciation. Two hours each unit. Birrell.

64x. Water Color Painting. Two to four hours credit. Jenson.

Bacteriology

21x. General Bacteriology. Three hours credit. Martin.

Botany

3x. Classification of Plants. Three to five hours credit. Harrison.

COMMERCE

Accounting and Business Administration

1x. Elementary Accounting. Five hours credit. Taylor.

2x. Elementary Accounting. Five hours credit. Taylor.

61x. Personnel Administration, Labor Problems. Three hours credit. Taylor.

64x. Business Psychology. Four hours credit. Poulson.

75x. Principles of Statistics. Three hours credit. Hoyt.

Finance and Banking

14x. Economic and Financial History of the United States. (See Economics 14.)

Marketing

30x. Geography of Economic Products. (See Geography 6.) Coffman.

58x. Principles of Merchandising. Four hours credit. Taylor.

Office Practice

11x-12x. Shorthand. Four or eight hours credit. Sundwall.

31x. Business English. Three hours credit. Waspe.

Drawing

4x. Drawing. Three hours credit. Snell.

5x. Drawing. Three hours credit. Snell. Prerequisite, 4.

10x. Perspective Drawing. Two hours credit. Snell.

13x. Architectural Drawing. Two hours credit. Snell. Prerequisites, 4, 5.

14x. Architectural Drawing. Two hours credit. Snell. Prerequisite 13.

15x. **Architectural Drawing.** Two hours credit. Snell. Prerequisites, 13, 14.

Economics

1x. **Introduction to Economics.** Five hours credit. Miller.

2x. **Principles of Economics.** Five hours credit. Miller. Prerequisite, 1.

14x. **Economic and Financial History of the United States.** Three hours credit. Miller.

61x. **Labor Problems.** Three hours credit. Taylor.

93x. **Economic History of Agriculture.** Three hours credit. Martin.

Education

3x. **Literature for Children.** Four hours credit. Dusenberry.

50x. **(Secondary or Elementary) Principles of Education.** Four hours credit. Lloyd.

Educational Administration

57x. **Old and New Type Examinations.** Three hours credit. Sudweeks.

90x. **Youth and its Leadership.** Five hours credit. Lambert.

100x. **Independent Readings.** Lambert.

Elementary Education

3x. **Literature for Children.** Four hours credit. Dusenberry.

22x. **Hygiene and Sanitation.** Three hours credit. Beck.

50x. **Principles of Education.** Four hours credit. Lloyd.

Philosophy of Education

51x. **History of Education..** Three hours credit. Lloyd.

74x. **Rural Sociology.** (See Sociology 53) Three hours credit. Ballif.

87x. **Methods in Character Education.** Four hours credit Lloyd.

Secondary Education

50x. **Principles of Education.** Four hours credit. Lloyd.

55x. **Secondary Education in the United States.** Four hours credit. Merrill.

94x. **Educational Guidance and Personnel.** Three hours credit. Merrill.

English

1x. **Rhetoric and Composition.** Three hours credit. Thornton.

2x. **Rhetoric and Composition.** Three hours credit. Thornton. Continuation of Course 1.

3x. **Rhetoric and Composition.** Continuation of course two. Thornton.

4x. **Business English.** Three hours credit. Waspe, See Office Practice.)

11x. **Advanced English Grammar.** Four hours credit. Jensen.

20x, 21x, 22x. **Masterpieces of English Literature.** Six hours credit. Carroll.

21x, 22x, 23x. **Survey of English Literature.** Nine hours credit. Mrs. Jensen.

44x. **History and Development of the American Novel.** Four hours credit. Jensen.

50x, 51x, 52x. **Readings in World Literature.** Six hours credit. Mrs. Jensen.

53x, 54x, 55x. **Readings in World Literature.** Six hours credit. Mrs. Jensen.

58x. **The Modern Short Story.** Three hours credit. Mrs. Jensen.

59x. **Verse Writing.** Two hours credit. Culmsee.

64-1x. **World Literature for Children.** Five hours credit. Mrs. Jensen.

65x. **Recent Drama.** Three hours credit. Pardoe.

76x. **Tennyson.** Three hours credit. Mrs. Jensen.

86-1x. **The Poetry of Robert Browning.** Three hours credit. Mrs. Jensen.

86-2x. **Continuation of 86-1x.** Three hours credit. Mrs. Jensen.

Geology and Geography

1x. **Survey Course.** Four hours credit. Hansen.

6x. **Geography of Economic Products.** Five hours credit. Coffman.

16x. **Descriptive Astronomy.** Four hours credit. Hales. (See Physics, 16.)

21x. **Weather and Climate.** Four hours credit. Hales. (See Physics 21.)

52x. **Human Geography.** Three hours credit. Hansen.

History

1x or 51x. **History of England.** Five hours credit. Snow.

10x, 11x. **History of England.** Three or six hours credit. Wilson.

20x, 21x, 22x. **American History.** Nine hours credit. Wilson.

54x. Greek History. Three hours credit. Sperry.

71x, 72x, 73x. History of Modern Europe. Nine hours credit. Snow.

82x. History of the West. Five hours credit. Snow.

Home Economics

10x. Elementary Nutrition. Two hours credit. Barlow.

80x. Household Administration. Three hours credit. Warnick.

Journalism

2x. Newswriting. Three hours credit. Culmsee.

52x. Feature Writing. Three hours credit. Culmsee.

Landscape Architecture

15x. Theory and Practice of Landscape Architecture. Three hours credit. Smeath.

Mathematics

11x. College Algebra. Five hours credit. Marshall.

12x. Plane and Spherical Trigonometry. Five hours credit. Marshall.

49x. Analytic Geometry. Five hours credit. Hales.

50x. Differential Calculus. Four hours credit. Hales.

51x. Integral Calculus. Four hours credit. Hales.

MODERN LANGUAGES

German

13x. Directed German Reading. Three hours credit. Prerequisite, ten hours of German. De Jong.

57x, 58x, 59x. Directed German Reading. Three hours credit for each course. Prerequisite, fifteen hours of German. De Jong.

67x. German Composition. Three hours credit. Prerequisite, eighteen hours of German. De Jong.

French

13x. Directed French Reading. Three hours credit. Prerequisite, ten hours of French. Cummings.

57x, 58x, 59x. Directed French Reading. Three hours credit for each course. Prerequisite, fifteen hours of French. Cummings.

67x. French Composition. Three hours credit. Prerequisite, eighteen hours of French. Cummings.

Spanish

13x. Directed Spanish Reading. Three hours credit. Prerequisite, ten hours of Spanish. Cummings.

57x, 58x, 59x. Directed Spanish Reading. Three hours credit for each course. Prerequisite, fifteen hours of Spanish. Cummings.

67x. Spanish Composition. Three hours credit. Prerequisite. eighteen hours of Spanish. Cummings.

Music

81x, 82x, 83x. History of Music. Six hours credit. Madsen.

Physical Education

94x. Tests and Measurements in Physical Education. Three hours credit. Hart.

Physics

16x. Descriptive Astronomy. Four hours credit. Hales.

21x. Meteorology. Four hours credit. Hales.

Psychology

10x. Study Habits and Mental Hygiene. Two hours credit. Poulson.

11x. General Psychology. Five hours credit. Poulson.

51x. Educational Psychology. Three hours credit. Dusenberry.

64x. Applied Psychology. Four hours credit. Poulson.

74x. Advanced Educational Psychology. Four hours credit. Poulson. Prerequisite, three hours of elementary Psychology.

Religious Education

3x. Church History. Two hours credit. Wilson.

14x. Genealogy. Two hours credit. Sudweeks.

19x. Doctrine and Missionary Methods. Two hours credit. Ivins.

20x. History of Religious Propaganda.. Two hours credit. Ivins.

77x, 78x, 79x. Scout Leadership. Six hours credit. Anderson.

Sociology

11x, 12x or 55x-56x. Elementary Principles of Sociology. Six hours credit. Ballif.

53x. Rural Sociology. Three hours credit. Ballif.

Speech

1x. **Public Speaking.** Three hours credit. Pardoe.
51x. **Advanced Public Speaking.** Three hours credit. Pardoe.
72x. **Theory of Play Production.** Three hours credit. Morley.
91x. **Methods of Teaching Speech.** Three hours credit. Morley.
95x. **Speech Correction.** Three hours credit. Morley.

Zoology and Entomology

20x. **Health Education.** Three hours credit. Beck.
32x. **Insect Classification.** Credit to be arranged. Tanner.
33x. **Apiculture.** Three hours credit. Wakefield.
75x. **History of Zoology.** Three hours credit. Tanner.
79x. **Eugenics.** Three hours credit. Tanner.
93x. **Field Zoology.** Credit to be arranged. Tanner.

HIGH SCHOOL COURSES

English

d. **A Study of the Types of Literature.** One unit credit.

Geography

a. **Economic Geography.** One unit credit. Coffman.

Mathematics

a. **High School Algebra.** One unit credit. Marshall.
b. **Plane Geometry.** One unit credit. Coffman.
c. **Second Course in Algebra.** One unit credit. Marshall.
d. **Solid Geometry.** One-half unit credit. Marshall.

Training Schools

FRANKLING S. HARRIS, **President.**
AMOS N. MERRILL, **Dean of College of Education**
EDGAR M. JENSON, **Director, Training Schools.**

Supervisors

A. N. MERRILL, **Secondary Training**
EDGAR M. JENSON, **Secondary Training**
A. C. LAMBERT, **Secondary Training**
W. H. BOYLE, **Secondary Training**
G. L. WOOLF, **Secondary Training**
HERMESE PETERSON, **Elementary Training**
REUBEN D. LAW, **Elementary Training**

Secondary School Faculty

G. L. WOOLF, **Principal, French, Civics, Theology**
C. LAVOIR JENSEN, **Mathematics**
W. ELMO COFFMAN, **Geography and Physics**
ANNA B. HART, **English, Theology**
WM. H. BOYLE, **Economics and Sociology**
BILLIE HOLLINGSHEAD, **Social Science**
WILFORD D. LEE, **English, Theology**
SANFORD BINGHAM, **German, English, Social Science, Theology**
ANTONE NISSON, **Science, Mathematics**
EVAN CROFT, **Office Practice**
C. J. HART, **Physical Education Critic Teacher**
DAVID CROWTON, **Physical Education, Coach**
LEONA HOLBROOK, **Physical Education**
WILLIAM F. HANSON, **Music**
MARY McGREGOR, **Music**
VERLA BIRRELL, **Art**
PERCIVAL BIGELOW, **Shop Work**
WILLIAM H. SNELL, **Shop Work and Mechanical Drawing**
MORRIS CLINGER, **Speech**
MAY BILLINGS, **Sewing**

Elementary School Faculty

HERMESE PETERSON, **Principal**
REUBEN D. LAW, **Supervisor**
JOSEPHINE M. STRONG, **Kindergarten**
MAY C. HAMMOND, **First Grade**
LILLIAN B. CLAYTON, **Second Grade**
FLORA FISHER, **Third Grade**
GLADYS KOTTER, **Fourth Grade**
GEORGIA MAESER, **Fifth Grade**
L. ELLIOTT TUTTLE, **Sixth Grade**

ORGANIZATION AND PURPOSE

The Training Schools are organized on a kindergarten 6-3-3 basis; viz: a kindergarten, an elementary division, a junior and a senior high school.

Students enrolled in the training schools have all the advantages of the University plant such as the use of the libraries, gymnasiums, laboratories, shops, athletic fields, auditorium, etc. These enlarged opportunities, with the advantages of expert teachers, make the training schools especially attractive and advantageous to students of elementary and high school age.

Provisions are made for promotions from grade to grade and from one division to another so that pupils may enter either the kindergarten or first grade and remain in continuous attendance until they are graduated from one of the colleges of the University. The educational welfare of the students is safeguarded by an enriched curriculum. In addition, provisions are made for moral and religious training every year the student is in attendance.

ELEMENTARY TRAINING SCHOOL

The elementary training school covers the range from the kindergarten through the first six grades.

The enrollment in this department is limited to the number of pupils who can be adequately cared for in each grade. Priority of application is the basis upon which students are enrolled.

A staff of especially well-qualified instructors, with the facilities offered by the university and the assistance given by student teachers and special instructors provides wide range of experience for the children. Much attention is given to individual needs and interests and to the development of special abilities. The aim is to exhibit as completely as possible a pattern of modern progressive school in action.

This department serves as a laboratory in modern school practice for the training of student teachers in the field of elementary education, and for the testing of current educational theory.

JUNIOR HIGH SCHOOL

Pupils completing the first six grades are regularly promoted to the **Junior High School.** Here departmentalization begins, permitting of variation in courses and a wide range of contact with expert instructors. Entrance to the Senior High School is based upon the completion of the courses outlined for the Junior High School. A maximum of four units plus one year of Theology credit will be allowed for ninth year work to count toward filling group requirements and toward graduation from the Senior High School for those pupils coming from schools which do not maintain a Junior High School.

SENIOR HIGH SCHOOL

Students will be graduated from the **Senior High School** upon completion of twelve units of work in the Senior High School. These twelve units of work with the exception of algebra and foreign languages, must be secured in Senior High School and must include all the constants prescribed.

AIMS AND REGULATIONS

It is the purpose of the high school to develop in its students, habits of regularity, punctuality and industry. Willing and serious application to the tasks at hand is considered of fundamental importance in meeting life situations. It is the aim of the school to have students work vigorously during the day in order to develop the above qualities and to minimize home preparation of lessons. To achieve these aims, the following regulations apply to those enrolled:

(1) Students are accountable to the school for all their time during the school day, except the noon hour, from 8:30 A. M. until 3:30 in the afternoon, provided no classes are held after that time. Permission should be obtained from the principal and teachers in case students are required to leave the

school at any time during the day. Such permission should be obtained prior to departure. Attendance at study sessions is as obligatory upon the student as are class recitations.

(2) All L. D. S. students are required to register for Theology. Students who fail continually to do satisfactory work in their courses in any department will not be permitted to remain in classes.

(3) Students are required to take the regulation courses in physical education during residence at this school. Students are released from this requirement only upon statement of physical disability signed by a competent physician. Satisfactory grades in physical education courses are required for graduation.

High School Activities

Under the direction of the faculty and the student body organization, an adequate program of athletic and social activities is provided for the junior and senior high school students.

All high school groups have regular social gatherings and recreational activities under faculty supervision and guidance. They have competitive activities in athletics, debating and public speaking, and essay writing. Each year the school produces a dramatic or a musical program. The school is a member of the State High School Debating Association and the Utah High School Athletic Association. In addition to these opportunities for extra-curricular activity a regular High School Student Body organization is maintained with the various activities that naturally are sponsored by such organizations. The high school students have also the advantage of participation in the regular activities of the University student body life.

Credit

Those classes which require outside preparation which meet five days each week for full fifty minutes, and which continue for the full school year of 36 weeks of actual class work carry one unit of credit. In some cases students may transfer nine hours college credit for one unit of high school credit.

Students who register late or who discontinue before the end of the school year or miss a portion of their work during the school year can receive no higher grade than "Incomplete" until the required work of the course is completed. An incomplete grade carries no credit. Such a grade may be removed within one year and credit received.

SECONDARY TRAINING SCHOOL CURRICULA

Junior High School

7th Grade Subjects

Constants: Religion Class, Physical Education, English I, Geography, Mathematics I, Music, Reading, Domestic Science and Art, and Study Periods.

Electives: Art, Orchestra.

8th Grade Subjects

Constants. Religion Class, Physical Education, English II, General Science, History, Mathematics II, Music, Reading, and Study Periods.

Electives: Art, Orchestra.

9th Grade Subjects

Constants: Religion Class, Physical Education, English, Biology, Community Civics.

Electives: Art, Algebra, Chorus, Domestic Science, Domestic Art, Orchestra, Shop, and Theory of Music.

Senior High School

Students desiring to graduate from the B. Y. U. High School and to qualify for college entrance at the same time, are required to register for the following courses:

Grade X. English B, Theology B, Physical Education.

Grade XI. English C,* Theology C, Physical Education.

Grade XII. Sociology and Economics, Theology D, Physical Education.

Sometime during Senior High School: Algebra (unless taken in grade I-X) or Geometry, American History or European History, Physics or Chemistry.

Special courses may be planned for those high school students who do not intend to be officially graduated from high school or who do not intend to go to college.

Senior High School Courses

Subject	Days		Year Taken	Credit
Art				
Art	2	Elective	10 to 12	½ unit

---

*Under special conditions approved by the principal, English D may be substituted for English C.

Subject	Days		Year Taken	Credit
Business				
Accounting-Elem.	5	Elective	10 to 12	1 unit
Accounting-Adv.	5	Elective	11 to 12	1 unit
Shorthand	5	Elective	11 to 12	1 unit
Typewriting, Elem.	5	Elective	10 to 12	½ unit
Typewriting, Adv.	5	Elective	10 to 12	½ unit
English				
Composition, Literature and Grammar	5	Constant	11	1 unit
Grammar and Literature	5	Constant	10	1 unit
Literature	5	Elective	10 to 12	1 unit
Home Economics				
Dressmaking	5	Elective	10 to 12	¼ unit
Homemaking	5	Elective	10 to 12	½ unit
Language				
French A or B	5	Elective	10 to 12	1 unit
Latin A	5	Elective	10 to 12	1 unit
German A or B	5	Elective	10 to 12	1 unit
Mathematics				
Algebra*	5	Elective	10 to 12	1 unit
Geometry*	5	Elective	10 to 12	1 unit
Arithmetic (Bus.)	5	Elective	10 to 12	1 unit
Music				
Chorus	4	Elective	10 to 12	¼ unit
Orchestra	3	Elective	10 to 12	¼ unit
Theory of Music	3	Elective	10 to 12	¼ unit
Physical Education				
Physical Ed. (Girls)		Constant	9 to 12	¼ unit
Physical Ed. (Boys)		Constant	9 to 12	¼ unit
Religious Education				
Theology B	3	Constant	10	½ unit
Theology C	3	Constant	11	½ unit
Theology D	3	Constant	12	½ unit

---

*These subjects are only partially elective as either one or the other in each group must be taken

Subject	Days		Year Taken	Credit
Science				
Physics*	5	Elective	10 to 12	1 unit
Physiology (1 sem.)	5	Elective	10 to 12	½ unit
Chemistry*	5	Elective	10 to 12	1 unit
Botany (1 sem.)	5	Elective	10 to 12	½ unit
Shop				
Auto Mechanics	5	Elective	10 to 12	½ unit
Drafting A or B	5	Elective	10 to 12	½ unit
Woodwork A or B	5	Elective	10 to 12	½ unit
Social Science				
American History*	5	Elective	10 to 12	1 unit
Europeon History*	5	Elective	10 to 12	1 unit
Economics and Sociology	5	Constant	10 to 12	1 unit
Geography	5	Elective	10 to 12	1 unit
Psychology (each sem.)	5	Elective	10 to 12	½ unit
Speech				
Dramatic Art	5	Elective	10 to 12	½ unit
Public Speaking	5	Elective	10 to 12	½ unit

---

*These subjects are only partially elective as either one or the other in each group must be taken

Graduates 1939-40

MASTER DEGREES

Master of Arts

BEAN, FAY MARION .... Provo
B. S. Degree, Brigham Young University, 1939.
Major: Accounting.
Thesis: Changes and Variations in Types of American Institute Problems Used for C. P. A. Examinations, 1917 to 1939.

BREINHOLT, VERNA ALLEN .... Springville
A. B. Degree, Brigham Young University, 1939.
Major: Speech.
Thesis: Chronological Development of Radio Drama From Its Beginning to the Present.

COOPER, ROBERT P. .... Helper
A. B. Degree, Brigham Young University, 1937.
Major: French.
Thesis: A Comparative Study of French and Spanish Paronymous Verbs.

GIBB, RULON .... Magrath, Canada
A. B. Degree, Brigham Young University, 1938.
Major: Accounting.
Thesis: A Critical Study of Changes in Accounting Methods and in the Nomenclature of Accounts.

HINMAN, EDGAR W. .... Cardston, Canada
A. B. Degree, Brigham Young University, 1939.
Major: Bacteriology.
Thesis: A Study of the Microbiological Activity of the Soil as Influenced by the New Methods of Farming in Southeast Alberta.

HUNT, BURTON P. .... Pine, Arizona
A. B. Degree, Brigham Young University, 1937.
Major: Zoology.
Thesis: A Study of the Crustacae of Utah.

LEE, HAROLD W. .... Provo
A. B. Degree, Brigham Young University, 1938.
Major: French.
Thesis: The Social Satire of Anatole France.

MADSEN, EVAN A. .... Thatcher, Arizona
A. B. Degree, Brigham Young University, 1927.
Major: Music.
Thesis: A Study of the Use of Hidden Fifths and Octaves.

ROBERTSON, JAMES ALLEN .... Spanish Fork
A. B., Degree, Brigham Young University, 1938.
Major: Chemistry.
Thesis: The Occurrence of Selenium and the Possibilities of Selenium Poisoning in Utah.

SKOV, BUNDE .... Provo
Baccalaureate Degree, St. Louis Theological Seminary, 1919.
Major. History.
Thesis: Serfs and Villeins in the Middle Ages.

TAYLOR, JOHN GOLDEN .... Snowflake, Arizona
B. S. Degree, Brigham Young University, 1936.
Major: Secondary Education.
Thesis: A Statistical Study of Certain Deficiencies of 818 Freshmen at Brigham Young University on the Purdue Placement Test in English.

Master of Science

ALLEN, R. SCOTT .... Provo
B. S. Degree, Brigham Young University, 1939.
Major: Chemistry.
Thesis: A Study of Baron in Some Utah Waters.

BENCH, REESE E. .... Provo
B. S. Degree, Brigham Young University, 1927.
Major: Secondary Education.
Thesis: The Chemical Information Necessary for an Adequate Interpretation of the Literature Designed for General Reading.

BIRD, HOWARD A. .... Manassa, Colorado
B. S. Degree, Brigham Young University, 1934.
Major: Economics.
Thesis: History and Development of the Utah Labor Code.

BLACKMORE, WILLIAM .... Cardston, Canada
B. S. Degree, Brigham Young University, 1939.
Major: Bacteriology.
Thesis: Influence of Various Types of Organic Matter Under Varying Moisture and Temperature Conditions on the Microflora of the Soil.

BOYACK, BERT ALBERT .... Spanish Fork
B. S. Degree; Brigham Young University, 1938.
Major: Economics.
Thesis: A Study of the Old-Age Movement in Utah.

CHADWICK, EFFIE MARION .... Farmington
B. S. Degree, University of Utah, 1929.
Major: Religious Education.
Thesis: Extent to which Early Mormon Beliefs and Practices Reflected the Environment of That People.

DYCHES, THOMAS W. .... Provo
B. S. Degree, Brigham Young University, 1924.
Major: Secondary Education.
Thesis: Operation of the United States Employment Service in Utah County in Co-operation with the Provo City School District.

HOLLADAY, CLIFTON M. .... Santaquin
B. S. Degree, Utah State Agricultural College, 1938.
Major: Accounting.
Thesis: Evolution and Procedure of Standard Cost Accounting.

HOLLADAY, LUCILLE F. .... Santaquin
B. S. Degree, Utah State Agricultural College, 1937.
Major: Accounting.
Thesis: Science Applied to Office Management, and Resulting Economics.

HULL, ALVIN C., JR. .... Whitney, Idaho
B. S. Degree, Utah State Agricultural College, 1936.
Major: Agronomy.
Thesis: Bulbus Bluegrass (Poa Bulbosa) on the Foothill Ranges of the Intermountain Region.

LAMBERT, CARLYLE B. .... Provo
B. S. Degree, Brigham Young University, 1938.
Major: Botany.
Thesis: The Distribution of Plant Types in the Escalante Desert of Utah with Relation to Soil Conditions.

MARKHAM, LYNN CARLOS .... Spanish Fork
B. S. Degree, Brigham Young University, 1936.
Major: Agronomy.
Thesis: The Indluence of Various Kinds of Organic Matter on the Moisture Constants of the Soil.

MERRILL, ALTON D. .... Provo
B. S. Degree, Brigham Young University, 1939.
Major: Secondary Education.
Thesis: Analysis of Published Papers and Speeches on the Book of Mormon, 1830 to 1855, and 1915 to 1940.

TAYLOR, MATTIE .... Provo
B. S. Degree, Brigham Young University, 1937.
Major: Secondary Education.
Thesis: A Study of a Non-Credit Class in College English as a Corrective Device for Freshmen Students Inferior in English.

TEUSCHER, ALVIN J. .... Roosevelt
B. S. Degree, Utah State Agricultural College, 1932.
Major: History.
Thesis: A Study of the Causes of Conflict Between Mormons and Non-Mormons in Missouri and Illinois.

WALSH, REED H. .... Farmington
B. S. Degree, Brigham Young University, 1938.
Major: Educational Administration.
Thesis: Differences in Performance on Certain Archievement Tests of Freshmen Entering Brigham Young University and Freshmen Who Enter Certain Other Universities.

WASHBURN, JESSE ALVIN .... Provo
B. S. Degree, Brigham Young University, 1934.
Major: Religious Education.
Thesis: A Study of the Geography of the Book of Mormon as Found Within the Record Itself.

BACHELOR DEGREES

COLLEGE OF APPLIED SCIENCE

Bachelor of Arts

Pitcher, Callis H.	Cardston, Canada
Pyott, Marie	Salt Lake City
Reimschiissel, Ernest F.	American Fork

Bachelor of Science

Anderson, Norvel	Oak City
Belnap, Margaret Ruth	Glenns Ferry, Idaho
Bingham, Kathryn	Weston, Idaho
Bird, Robert Freeman	Mapleton
Bohman, Dean F.	Monroe
Bonnett, Stanford Jay	Provo
Boswell, Calvin Roy	Provo
Boswell, Gladys Irene	Provo
Boswell, Joseph L.	Nephi
Carroll, Paul Herman	Brownwood, Texas
Christensen, Mona Beatrice	Elsinore

Cornaby, Wayne W.	Spanish Fork
Curtis, Coral	Provo
Freestone, James Russell	Mesa, Ariz.
Frehner, Leon	Bear River City
Giddings, Irene	American Fork
Hammond, Marion E.	Cowley, Wyo.
Holbrook, Vera	Provo
Howard, Flora	Huntington
Hurst, Florence	Sanderson, Texas
Jackson, Louise	Provo
Kempton, Howard Wm.	Payson
Kirkham, Mary B.	Provo
Layton, Lucile Hadlock	Layton
Martin, Flora Helen	Ronan, Montana
Meeks, Margaret	Bicknell
Nelson, F. DelMar	Pleasant Grove
Pack, Albert Boyd	Kamas
Rasmussen, Miriam	Provo
Reid, Margaret Genevieve	Magna
Rex, Barbara	Randolph
Ross, Fern Louise	Fargo, N. Dak.
Schofield, Arlin R.	Provo
Sessions, Rosamonde	Provo
Shields, Morris D.	Shaughnessy, Canada
Skeem, Elayne	Oasis
Smart, Helene Estelle	Springville
Sorensen, Wilson W.	Draper
Spencer, Hazel Lorene	Malad, Idaho
Stutz, Howard Coombs	Cardston, Canada
Thornock, Willa Lucile	Randolph
Tuft, Max S.	Monroe
Ward, Keith Whitney	Parowan
Young, Darroll P.	Provo

COLLEGE OF ARTS AND SCIENCES

Bachelor of Arts

Allen, Glenn Lewis	Provo
Anderson, Evan L.	Spanish Fork
Ayers, Bessie	Provo
Barclay, Marie	Blackfoot, Idaho
Beckstrand, Evan A.	Meadow
Bruhn, Arthur Frederick	Panguitch
Burton, Charles Richard	Ogden
Clark, Carl Donald	Coalville
Condie, Aileen	Springville
Crandall, Stewart Merrill	Provo
Cranney, W. Doyle	Auburn, Wyoming
Cullimore, Odessa A.	Provo

Dixon, Evelyn	Provo
Gay, Farral Dee	Joseph
Gibson, R. Owen	Las Vegas, Nevada
Harris, Dola	Lovell, Wyoming
Hawkes, H. Bowman	Ogden
Haws, Gilbert Smith	Provo
Hinckley, Sylvia B.	Salt Lake City
Jensen, Jean Moselle	Huntsville
Kelley, Irving Berry	West Harwich, Mass.
Larsen, Boyd Joseph	Lehi
Lawlor, Francis Earl	Picture Butte, Canada
Marriott, Helen Rosemarie	Ogden
McIntire, Junius M.	Provo
McMullin, Carolyn	Payson
McOmber, Calvin Delos, Jr.	Pocatello, Idaho
McOmber, George Emerson	Pocatello, Idaho
Mecham, Lorna	Provo
Nelson, Roscoe M.	Logan
Nelson, Wyla Johnson	Provo
Reese, Hamit Darwin	Provo
Richardson, Irene Beth	Provo
Rigby, Audrey	Bancroft, Idaho
Rogers, Robinson Max	Morgan
Smoot, Seth, Eldridge	Provo
Speros, Peter John	Bingham
Stewart, LaRon D.	Calgary, Canada
Tanner, Carol	Provo
West, Dale H.	Pleasant Grove
Westover, Leon A.	Rexburg, Idaho
Williams, Roger	Hamer, Idaho

Bachelor of Science

Anderson, Mary	Manti
Andrews, Robert Bruce	Roosevelt
Baker, Gene LeRoy	Springville
Barrett, Thomas	Provo
Beeston, William Boyd	Fillmore
Berlin, Mildred Mary	Blackfoot, Idaho
Booth, J. Malcolm	Provo
Booth, Newell Wayne	Blackfoot, Idaho, R. D. No. 3
Bullock, Kenneth C.	Pleasant Grove
Caffall, DeOn	Springville
Call, Benjamin E.	Brigham City
Candland, Ruth Hannah	Provo
Chadwick, Russell	Morgan
Clayton, Vaughn Allen	Salt Lake City
Dean, Harold Lawrence	Provo
Downs, John Winston	Provo, R. D.
Dudley, Margaret	Provo

Dunn, Vera	Loga
Esplin, T. LaVoy	Orderville
Gardner, Neil Barclay	Spanish Fork
Griffin, Vernile Emerson	Escalante
Hawker, Afton Ruby	Grantsville
Hutchings, Stanley Arthur	Midvale
Kelly, Cornelia Christina	Provo
Landward, John	Salt Lake City
Larsen, Don Hyrum	Provo R. D. No.1
Larsen, Dorothy Durrant	Provo
Larson, John LaMar	Gunnison
Oldroyd, Jay W.	Venice
Oswald, Lois Thornton	Salt Lake City
Pace, Kathryn	Provo
Petty, George Wesley	Rains
Pierce, Byron Walter	Spanish Fork
Rebentisch, Ruth Lundquist	Provo
Rolfson, Howard Dean	Raymond, Canada
Snedaker, Donald Leroy	Thornton, Idaho
Stolworthy, W. Rowdon	Blackfoot, Idaho
Stott, Joseph Lynde	Douglas, Arizona
Stowell, Mary Irene	Rexburg, Idaho
Thayne, June	Wellington
Tuft, Junius Redd	Heber
Utley, Quentin E.	Richfield

COLLEGE OF COMMERCE

Bachelor of Arts

Bandley, Marion Karl	Provo
Duce, George Harold	Provo
Gould, Arthur	Los Angeles, Calif.
Utvich, John William	Los Angeles, Calif.

Bachelor of Science

Allen, Nathan D.	Roosevelt
Allred, Sheldon S.	Mt. Pleasant
Anderson, H. Verlan	Duncan, Arizona
Anderson, B. Elwood	Fayette
Avery, McKay	Venice
Barnes, James Ira	Rockland, Idaho
Bird, J. Martell	Provo
Bloomfield, George W.	Shiprock, New Mexico
Bown, Henry Maurice	Provo
Bradford, Henry Wells	Spanish Fork
Bramwell, Wendell V.	Ogden
Bullock, Victor Collins	Provo
Bunnell, Kay LeRoy	Provo

Cannon, Willard Lester	Salt Lake City
Carter, Harold Eugene	Salt Lake City
Christensen, Wallace Erickson	Hiawatha
DeGraff, Dale C.	Heber
Dodge, Seth Arvid	Phoenix, Arizona
Duce, Donald Folsom	Provo
Emley, Elbert Francis	Ogden
Everett, Schuyler Bentley	St. George
Frazier, Leo Odean	Oakley
Goodrich, Floyd C.	Vernal
Harrison Virl L.	Springville
Holm, Floyd S.	Spanish Fork
Jensen, Vernon Dorius	Preston, Idaho
Johansen, Wesley J.	Mt. Pleasant
Kloth, William James	Huntington Park, Calif.
Larsen, Donald	Spanish Fork
Lewis, Ben Elden	Salt Lake City
Lindsay, Charlotte	Phoenix, Arizona
Ludlow, Robert Jones	Spanish Fork
McKell, Arthur Nielsen	Spanish Fork
McKell, Mark Allen	Spanish Fork
Miller, William Elbert	Provo
Monson, Albert Bardell	Pleasant Grove
Nielson, J. Grant	Springville
Nielson, Ross Taylor	Richfield
Poulson, Lorna Anna	Richfield
Rebentisch, Hamilton Smoot	Provo
Sayer, John Robert	Idaho Falls, Idaho
Skipworth, Ernest Milbourn	Hill Spring, Canada
Spencer, Lucile	Paris, Idaho
Stoddard, Henry Nibley	LaGrande, Oregon
Swenson, Richard D.	Provo
Terry, Evan Ray	Provo, R. D. No. 3
Tidwell, Bert E.	Wellington
Weenig, John Lehi	Riverton
West, Emma Louise	Pleasant Grove
Westenskow, Clifford	LaGrande, Oregon
Whetten, Leland C.	Chicago, Illinois
Zabriskie, Emma	Provo

COLLEGE OF EDUCATION

Bachelor of Arts

Bird, Martha	Springville
Briggs, Elizabeth	Magrath, Canada
Call, Joan E.	Brigham City
Dixon, Dorothy	Ogden
Evans, Bud Davis	Spanish Fork
Follett, Mabel Larsen	Springville

Glissmeyer, Pearl	Salt Lake City
Greenwell, Ruth	Ogden
Hunter, Velma	Ogden
Jex, Frank Bird	Salt Lake City
Johansen, Oral Eugene	Castle Dale
Letham, Dan J.	Tetonia, Idaho
Nelson, Gladys Sorenson	Spanish Fork
Peterson, Laurel	Flagstaff, Arizona
Searle, Lynn Scott	Spanish Fork
Stimpson, Edith B.	Provo
Tolman, Rex C.	Murtaugh, Idaho

Bachelor of Science

Abbott, Maurine	Mesquite, Nevada
Anderson, Alice Mae	Pocatello, Idaho
Anderson, Blaine E.	Gunnison
Anderson, DeVon	Orangeville
Anderson, J. Lee	Beaver
Andrus, Alma	Spanish Fork
Arnold, Lewis Thayne	Price
Balle, Harry Reed	Glenwood
Baxter, Ruth	Springville
Bean, Bryan,	Round Mountain, Nevada
Bean, Ruby	Sugar City, Idaho
Bennett, Faun A.	Meadow
Booth, Diane	Cedar City
Booth, Lillian C.	Provo
Borg, Glen Mervin	Sandy
Bosh, Merie Alice	Salt Lake City
Bowles, Catherine	Nephi
Broadhead, Fern	Nephi
Brough, LoRay Fackrell	Provo
Brown, Milton Evan	Belleville, Ill.
Candland, Dorothy, N.	Provo
Cash, Bennett	Midvale
Chamberlain, Hans Lavell	Orderville
Christensen, DelMoine	Salina
Christensen, LaVon A.	Salina
Christensen, Muriel	Provo
Christiansen, Chester	Monroe
Cordner, Thomas	Provo, R. D.
Cranney, Hattie Elnora	Auburn, Wyo.
Critchlow, Frances E.	Hyrum
Crowton, Ralph Ernest	Provo
Curtis, Joseph Wesley	Blackfoot, Idaho
Davies, LaRae Alleman	Provo
Devitt, Willard Raymond	Provo
Dixon, Alice Delenna	Provo
Draper, Leona	Ogden

Driscoll, Mary H.	Eureka
Dudley, H. James	Oakland, California
Earl, Samuel Aubrey	Mountain View, Canada
Ellison, Helen	American Fork
Finley, May	Springville
Foulger, Delsa	Ogden
Gilbert, Art Gene	Salt Lake City
Giles, Clarence William	Heber
Graham, Jo	Provo
Gunnell, Halden	Grace, Idaho
Hadlock, Orlando B.	Ogden
Hall, Esther, Catherine	Roosevelt
Hansen, Annie	Spanish Fork
Hansen, Blaine George	Mount Pleasant
Hansen, Wyroa B.	Provo
Hatch, Noal K.	Provo
Hayes, Leith	Provo
Hill, Marian Julia	Ogden
Holyoak, John L.	Burley, Idaho
Hullinger, Orvel M.	LaPoint
Hunt, Jefferson B.	Snowflake, Arizona
Imlay, Luetta	St. George
Jackson, Ernest Hans	Teasdale
Jackson, Golda	Teasdale
Jensen, Ione Gayle	Elsinore
Jensen, Marjorie Eva	Salt Lake City
Jeppesen, Lillian	Ogden
Johansen, Verl E.	Mt. Pleasant
Johnson, Alton M.	Vernal
Jones, Paul L.	Mesa, Arizona
Kartchner, Mary Smith	Provo
Kimball, S. Heber	Vernal
Lamoreaux, Leland	St. George
Larsen, Alice Myrup	Bountiful
Larson, Arvid D.	Cleveland
Larson; Henry August	Ferron
LeBeau, Ina laVar	Roosevelt
Levi, Milbert Henry	American Falls, Idaho
Lovell, LaForge A.	Leamington
Madsen, Eva	Provo
Mayer, Clifford	Fountain Green
McAffee, Boyd Harman	Salt Lake City
Merrill, Marjorie E.	Richmond
Miller, Beatrice	Layton
Miller, W. Delmer	Claresholm, Canada
Montgomery, Lecia Elaine	Heber City
Newton, Sammy Nathan	Monroe
Newell, Jack S.	Spanish Fork
Nielsen, Jean	Hyrum
Norton, Ray Alonzo	Murray

Oldroyd, Irvin P.	Fountain Green
Oldroyd, Milan Todd	Glenwood
Olsen, J. Lee	Preston, Nevada
Poulson, Enid	Richfield
Powelson, Stanley B.	Goshen
Rigby, Cleston H.	Provo
Riggs, Maurine	Gunnison
Robins, Kenith Rand	Delta
Ross, Faye Rose	Fargo, N. Dak.
Rowley, George A.	Helper
Scott, George C., Jr.	American Fork
Seaman, Helen	St. George
Smith, William Albert	Heber
Sorenson, Lewis W.	Redmond
Sorenson, Wayne Leslie	Salt Lake City
Stansfield, Russell N.	Mt. Pleasant
Stephens, Miland Richins	Ogden
Smart, Alma LeMar	Woodruff
Swenson, Laura W.	Pleasant Grove
Taylor, G. Lee	Levan
Thompson, Burton M.	Salina
Turnquist, Shirley	Ogden
Wadsworth, F. Don	Panaca, Nevada
Wagstaff, Amy	American Fork
Webb, Jean	Ogden
Wilson, Boyd L.	Payson
Wilson, Elaine Rachel	Midway
Wilson, Geneva	Midway
Willardson, Pearl Eva	Ephraim

COLLEGE OF FINE ARTS

Bachelor of Arts

Adams, Loraine Seegmiller	Midvale
Anderson, Lucille	Rexburg, Idaho
Castle, Sarah Smith	Salt Lake City
Cluff, A. Fleming	Pasadena, Calif
Colton, Gwen Mary	Salt Lake City
Curtis, Leora	Provo
Davis, Frances	Shelley, Idaho
Demos, Helen	Provov
Earl, Don L.	Las Vegas, Nevada
Erickson, Werner Arnold	Pocatello, Idaho
Evans, Beth Rowe	Spanish Fork
Farr, Eleanor	Washington, D. C.
Green, Alberta	Chicago, Illinois
Hakes, F. Russell	Mesa, Arizona
Hanks, Barbara	Burley, Idaho
Hurst, Margaret	Panguitch

Jepperson, Richard	Provo
Johnson, J. Van	Cowley, Wyoming
Kirk, Warren Paul	Pleasant Grove
Mathews, Loa Clair	Pocatello, Idaho
Morrell, Katherine	Ogden
Nosack, Franklin, Keith	Riverton
Peterson, Ophelia Orlene	Salmon, Idaho
Reid, Howard Tennant	Manti
Ricks, Orian Lavell	Huntington Park, Calif.
Smith, Omar Kim	Provo
Stucki, Virgil Herman	Delta
Swenson, Shirl H.	Spanish Fork
Zinn, Martha Charlotte	Ogden

Bachelor of Science

Allred, Theras Quathel	Provo
Bascom, Earl Wesley	Raymond, Canada
Calder, Sam	Vernal
Castleton, Leon Joseph	Malad, Idaho
Cottam, Mason M.	St. George
Hedquist, Dorothy Vivia	Provo
Hughes, Ruth Frances	Spanish Fork
Jensen, Florence Mary	Salt Lake City
Keeler, Joseph Jensen	Provo
Mathews, Sybil LaRue	Pocatello, Idaho
Todd, Beth	Denver, Colorado
Turner, Glen H.	Springville
Wolz, Russell	Byron, Wyoming

NORMAL DIPLOMAS

Anderson, Nida	Brigham City
Anderson, Rheta	Moroni
Baird, Ida	Heber
Barton, June	Mt. Pleasant
Beck, Janice	Draper
Black, Velma	Ferron
Bowen, Lewis Keith	Spanish Fork
Bowles, Geraldine	Nephi
Bringhurst, Afton	Springville
Brown, Mary Jane	Provo
Carlile, Sarah Aleen	Kamas
Chadwick, Idon	Weiser, Idaho
Christensen, Alta	Lehi
Covert, Myrl	Spring City
Cox, Lela Caroline	Fairview
Currie, Emily	American Fork
Demson, Elizabeth	Salem
Dyreng, Lucille	Manti

Frandsen, Russell Evan	Provo
Gardner, Marie Colby	Brigham City
Gourley, June	Salt Lake City
Gudmundson, Barbara	Springville
Gull, Beatrice Gardner	Spanish Fork
Hadley, Oertel	Ogden
Hall, Freda	Venice
Hanks, Elizabeth	Burley, Idaho
Harder, Ranee Elizabeth	Leamington
Harris, Everal Dawn	Ogden
Hill, Arden B.	Fayette
Hinckley, Elayne	Provo
Holdaway, Dorothy	Heber City
Holt, Phyllis Carolyn	Tooele
Howard, Minnie	Nephi
Kapple, Betty Lou	Payson
Knudson, Ruth	Provo
Koyle, Wells Freeman	Burley, Idaho
Larsen, Thelma Maurine	Mt. Pleasant
Leak, Irene	Midvale
Mellor, Faun	Fayette
Mitchell, Arlene	Ogden
Mortensen, Muriel Mae	Cleveland
Murdock, Elaine Frances	Blackfoot, Idaho
Murri, Maeda Alice	St. Anthony, Idaho
Nielson, Ida Eleanor	Mt. Pleasant
Oldham, Fern	Mt. Pleasant
Oldroyd, Una	Venice
Parker, Olive	Draper
Pickett, Glenna	Gunnison
Pratt, Dana R.	Delta
Sanderson, Iva Luzon	Fairview
Snow, Afton	St. George
Starley, Ruth	Delta
Stevens, Rozilla	Fillmore
Stosich, Flora Henrietta	Idaho Falls, Idaho
Stout, Ruth	Moab
Strasburg, Mae	Lehi
Sunderland, Ileen	Lehi
Thacker, Luella	Provo
Wade, Bessie	Ogden
Warnock, Idell	Sigurd
Whitlock, Edith	Mayfield
Wight, Muriel	Brigham
Willardsen, Melba Eva	Ephraim
York, Eleanor	Spanish Fork

GRADUATES WITH HIGH HONORS

Bandley, Marion Karl
Cannon, Willard Lester
Carter, Harold Eugene
Crandall, Stewart Merrill
Curtis, Leora
Follett, Mable L.
Gibson, R. Owen
Giddings, Irene
Hayes, Leith
Hinckley, Sylvia
Jex, Frank Bird
Kirkham, Mary B.
Larsen, Alice Myrup
Larsen, Don Hyrum
Lawlor, Francis Earl
Lewis, Ben Elden
Merrill, Marjorie E.
Miller, Wm. Delmer
Pack, Albert Boyd
Poulson, Enid
Reese, H. Darwin
Rogers, Robinson Max
Sorenson, Wayne Leslie
Stucki, Virgil Herman
Thornock, Willa
Utvich, John William
West, Dale H.

GRADUATES WITH HONORS

Allred, Sheldon S.
Anderson, Alice Mae
Anderson, Evan L.
Baker, Gene LeRroy
Barclay, Marie
Beeston, Wm. Boyd
Bird, J. Martell
Bird, Martha
Bown, Henry Maurice
Bullock, Kenneth C.
Call, Joan
Candland, Ruth Hannah
Cluff, Al. Fleming
Condie, Aileen
Cranney, Hatty Elnora
Dixon, Dorothy
Duce, George Harold
Ellison, Helen
Harris, Dola
Howard, Flora
Jackson, Ernest Hans
Kelly, Irving Berry
Ludlow, Robert Jones
Mecham, Lorna
Nielson, Ross Taylor
Rolfson, Howard Dean
Swenson, Shirl
Taylor, G. Lee
Wilson, Boyd L.

Enrollment of Students

1939-40

In the following list "a" stands for arts and science; "ap" for applied science; "c" for commerce; "e" for education; "fa" for fine arts; "G" for graduate; "ss" for summer school; "S" for senior; "J" for junior; "So" for sophomore; "F" for freshman; "Unm" for unmatriculated; and "Sp" for special.

Abegg, Hannah Louise, fa-F.......... .... Col. Dublan Chih., Mexico
Abbott, Maurine, e-S..Mesquite, Nev.
Abplanalp, Thomas J., e-F....Duchene
Adair, Ross Jo., ap-F................Heber
Adams, Carolyn Viola, a-So .... Spanish Fork
Adams, Daniel Stanley ss........Sandy
Adams, Elsie Dee, a-Sp............Provo
Adams, Eva Eldridge, Sp .... Pleasant Grove
Adams, Flora, fa-Sp..................Ferron
Adams, Joan fa-J........Pleasant Grove
Adams, John Hortt, fa-F........Kanab
Adams, Linda Kartchner, G-ss........ .... Ferron
Adams, Loraine Seegmiller, fa-S.... .... Midvale
Adams, Vera, e-F .... Roosevelt
Adamson, LaGean, c-F..............Provo
Adler, Evelyn, ap-F....Helena, Mont.
Affleck, Douglas, a-F................Provo
Aiken, Earldean, ap-Sp..............Provo
Aiken, Evan, fa-J.......................Provo
Alder, B. Alfred, a-So...............Provo
Alder, Doris, e-S.........................Provo
Alexander, Wilda, e-J..............Vernal
Alleman, Grant Edward, c-So........ .... Springville
Alleman, Karl Henry, ap-S .... Springville
Allman, Verl Phillips, e-Sp .... Mammoth
Allen, Adonna, fa-Unm .... Prescott, Ariz.
Allen, Glenn Lewis, a-S............Provo
Allen, Glen, a-Sp........................Provo
Allen, Loyd V., ap-Umm .... Burley, Idaho
Allen, Nathan D., c-S........Roosevelt
Allen, R. Scott, G. .... Provo
Allen, Roy Edward, c-F............Provo
Allen, R. Scott, G........................Provo
Allen, Ted., a-J............Muscatine, Ia.
Allen, Vada, e-F..................Fillmore
Allred, Alice Geniel, c-So .... Fountain Green
Allred, Blanche Elizabeth, ss........ .... Twin Butte, Alberta, Can.
Allred, Chas. McKay, G............Provo
Allred, Clara, fa-So ....Lehi
Allred, Douglas Anderson, ss......... .... Cardston, Alta., Can.
Allred, Edna, ss ....Spring City
Allred, Genevieve, c-...............Fairview
Allred, Glen E., e-F............Roosevelt
Allred, Grant, ap-F ..Idaho Falls, Ida.
Allred, Gwenna, ap-J........Spring City
Allred, Inez B., Sp.....................Provo
Allred, Kenneth R., G.-ss ....Provo
Allred, Loa, Ss...................Spring City
Allred, Olga, fa-Sp.....................Provo
Allred, (Alma) Richard, a-F........ .... Los Angeles, Calif.
Allred, Romania, a-Unm., ss....Provo
Allred, Rulon Buell, ap-F............Lehi
Allred, Sheldon, c-S, ss..Mt. Pleasant
Allred, Theras Q., fa-S...............Provo
Allred, Thomas Boyd, e-F........Delta
Allred, Thurman Harvey, a-J..Ogden
Allred, Wendell, a-F...............Provo
Alvey, Edson, e-So.................Escalante
Alvey, Iona, e-J...................Escalante
Anderson, Alice Mae, e-S .... Pocatello, Ida.
Anderson, Andrew Wh., ss........Provo
Anderson, Barbara Marie, c-Sp..Provo
Anderson, B. Elwood, c-S......Fayette
Anderson, Beth, ap-J..........Springville
Anderson, Betty Vee, ap-F....Elsinore
Anderson, Blaine E. ss ....Mayfield
Anderson, Clara ,e-J............Oak City
Anderson, Clive Young, ap-So..Provo
Anderson, DeVon, e-S, ss..Orangeville
Anderson, Donnaieve, c-Sp......Provo
Anderson, Dwayne Nelson, a-F...... .... Brigham
Anderson, Effie, a-J...................Provo
Anderson, Ellen W., e-J....Springville
Anderson, Ellis R., ss.................Salina
Anderson, Elvon, George, a-F...... .... Oak City
Anderson, Ethel Stansfield, ss .... Kirtland, N. Mex.
Anderson, Evan L., a-S .... Spanish Fork
Anderson, Evan Roy, ss ......Ephraim
Anderson, Fae Garda, e-J..St. George
Anderson, G. Alton, ss .... Rexburg, Idaho
Anderson, George M.,ss..........Maroni
Anderson, Gwen, ap-F...........Monroe

Anderson, Harold Yates, e-F .... Spanish Fork
Andersen, H. Verlan, c-S .... Duncan, Ariz.
Anderson, J. Lee, e-Sp, ss......Beaver
Anderson, Keith James, c-F............ Spanish Fork
Anderson, LaRue, e-So..Preston, Ida.
Anderson, Lawrence ....Gunnison
Anderson, Lee, a-So........Woodscross
Anderson, LeRay, J., a-Unm. .... Raymond, Alberta, Can.
Anderson, Leta, fa--F......Mesa, Ariz.
Anderson, Loren Asceal, ss .... Spanish Fork..
Anderson, Lucille, fa-S .... Rexburg, Ida.
Anderson, Marcella E., e-So............ Huntington
Anderson, Marcia, a-F..Spanish Fork
Anderson, Margaret, ap-F......Magna
Anderson, Mark B., ap-Unm........ Oak City
Anderson, Mark Jr., c-F............Provo
Anderson, Mary, a-S..................Manti
Anderson, Melvin K., e-F .... American Fork
Anderson, Mildred, e-So................ American Fork
Anderson, Monta Wentz, G......Provo
Anderson, Monte, e-S........Bear River
Anderson, Naoma, c-So .... Salt Lake City
Anderson, Nida, e-J......Brigham City
Anderson, Norvel, ap-S........Oak City
Anderson, Phyllis, e-So............Provo
Anderson, Ray Burke, fa-So....Moroni
Anderson, Renee, c-Sp..............Provo
Anderson, Rheta, e-J............Moroni
Anderson, Richmond, c-So..Richfield
Anderson, Theda LaPreil, c-Sp..Provo
Anderson, Virgil, Anthony, fa-Unm .... Axtell
Anderson, Wallace, ss....Cedar Valley
Andrews, Robert B., a-S....Roosevelt..
Andrus, A. Golden, ss .... Bancroft, Ida.
Andrus, Albert LaMar, G. .... Idaho Falls, Ida.
Andrus, Alma, e-J, ss ....Spanish Fork
Andrus, Emil R., e-Unm .... Idaho Falls, Ida.
Andrus, Grant M., ss......Ucon, Idaho
Andrus, Larry Chapin, a-F........Provo
Andrus, Lisle L., ss......Bancroft, Ida.
Andrus, Reed Stone, ap-So .... Spanish Fork
Andrus, Vaudis, e-F..............Holladay
Angel, Clifford, a-Sp .... Roanoke, Virginia
Angel, Ruby Brown, a-Sp................ Salt Lake City
Archibald, Beth, a-J........Ojai, Calif.
Argyle, Cyril M., a-So........Randolph
Arnold, Lewis Thayne, e-S..........Price
Arnold, Myrtle, e-S....................Price
Arnold, Norene, c-So............Coalville
Arrowsmith, Harold Burt, a-F..Provo
Arrowsmith, Lola, ap-Unm .... Denver, Colo.
Asay, Merril Boice, ap-F,Lovell, Wyo.
Ash, Cecil L., ss.......................... Lehi
Ashby, Armis Joseph, a-F .... American Fork
Ashby, Audrey, fa-F........Lund, Nev.
Ashby, Edith, ap-F..................Vernal
Ashby, Grace, a-So........Spanish Fork
Ashby, Kathleen, fa-F......Lund, Nev.
Ashby, William C., G .... American Fork
Ashworth, Ardell H., a-Sp........Provo
Ashworth, Paul Richard, a-F .... Payson
Atkinson, Duretta Larsen, ss....Lark
Atkinson, Nevada Riddle........Provo
Atwood, Dale, ap-F..Pleasant Grove
Atwood, Fred Smith, ap-So .... Pleasant Grove
Averett, Bill Bert, e-So....Springville
Averett, Dail P., a-J....Mt. Pleasant
Averett,, Ione, fa-S............Springville
Averett, Keith Howard, fa-F..Provo
Averett, Ronald, c-F..........Springville
Avery, McKay, c-S ....Venice
Ayers, Bessie, a-S......................Provo
Bailie, Irwin Lee, fa-F..............Provo
Bailey, Dan, fa-F......................Ogden
Bailey, Gwen Vier, e-F......Monticello
Bailey, Keith Reid, a-F............Provo
Baird, Ida, e-J .... Heber
Baker, Alma Richard, ss .... Barnwell, Alberta
Baker, Gene LeRoy, a-Sp..Springville
Baker, Grant Watkins, fa-S..Magna
Baker, Hannah, e-J....................Neola
Baker, LuAna, ap-F....Salt Lake City
Baker, (Jesse) Wesley, c-F..Mendon
Baker, William Roe, fa-So........Neola
Ball, William N., ss....................Provo
Ballard, Dorothy, e-J................Draper
Ballard, Eugene Henroid, a-F..Draper
Ballard, James F., a-J .... Beeville, Texas
Ballard, Robert Henroid, a-J, ss. .... Draper
Ballard, Ross Leonard, a-J, ss .... Draper
Balle, Harry Reed, Sp, ss...Glenwood
Ballif, Carma, G, ss....................Provo
Balls, Fred Lynn, fa-F.. .... Soda Springs, Ida.
Bandley, Allen C., a-F .... Salt Lake City
Bandley, Harold Bert, a-F........Provo
Bandley, Marion Karl, c-S........Provo
Banks, Arvil Glen, a-F..............Provo
Bangerter, Samuel Bowden, ap-So .... Salt Lake City
Banks, Earl, a-S...... .... Lehi
Barber, Voyle, ap-So..................Provo

Barclay, Bruce Gardner, c-J.......... Blackfoot, Ida.
Barclay, Margaret, fa-So .... Blackfoot, Ida.
Barclay, Marie, a-S....Blackfoot, Ida.
Bardsley, Spencer a-So......Santaquin
Barnes, Alta Leona ss......Wellington
Barnes, Charles Edward, c-So ...... Idaho Falls, Ida.
Barnes, Hannah M., ss .... Blackfoot, Ida.
Barnes, James Ir[illegible]-S .... Rockland, Ida
Barnett, Jack, H. [illegible]So............Payson
Barnett, Maurice [illegible]vin, ss .... Spanish Fork
Barrett, Eva May, G..................Logan
Barrett, Ivan J. ss ......Overton, Nev.
Barrett, Larence Jim, a-SoMalta, Ida.
Barrett, Minnie ss........Overton, Nev.
Barrett, Thom, a-So....................Provo
Barrus, Roscoe, fa-F........Afton, Wyo.
Bartholomew, Dean W., a-F....Fayette
Bartholomew, Edna, e-F....Springville
Bartholomew, Gertrude, ap-So ...... Springville
Bartholomew, Henry Homer, a-F.. Fayette
Bartholomew, LaPrea ap-F....Payson
Barton, Clyde M., ap-Co..Monticello
Barton, Don R., ap-F..........Monticello
Barton, Gerald Blackett, G .... Greenville
Barton, June, e-J..........Mt. Pleasant
Barton, Sarah Joy, a-F .... Sante Fe, N. Mex.
Bascom, Earl Wesley, fa-S .... Raymond, Alberta, Can.
Bascom, Eunice Nadine, c-So....Provo
Bastian, Elaine, c-J............Whiterock
Bateman, Fred Thomas, c-J .... Salt Lake City
Bateman, J. LaVar, fa-J........Liberty
Bateman, Keith Ezra, c-F....Midvale
Baum, Ora, ap-F...................... Provo
Baum, Thomas, c-J.................. Heber
Baxter, Elwood M., ss..Pleasant Grove
Baxter, Hoyt Hugh, e-Unm .... Springville
Baxter, Ruth, e-S................Springville
Beames, Claudia, c-So........Hurricane
Bean, Bryan, Sp ....Round Mt., Nev...
Bean, Fay Marion, G., ss..........Provo
Bean, Glenn Cluff, a-F....Sugar, Ida.
Bean, June, e-F...........................Provo
Bean, Max M., ap-J..........Sugar, Ida.
Bean, Ruby, e-Sp, ss........Sugar, Ida.
Beardall, Warren L., ss....Springville
Beatty, Florence, e-F........Hurricane
Beck, Carol Mae, e-J..............Payson
Beck, Donna, e-F........Alamosa, Colo.
Beck, Earl A., ss..........Pleasant Grove
Beck, Frank Preston, a-R........Payson
Beck, J. Karl, Jr., a-So .... San Francisco, Calif.

Beck, Janice, e-J.................... Draper
Beck, (Sidney) Marion, a-J .... American Fork
Beckstead, Adeline, e-F .... Delta
Beckstrand, Austin N., c-J..Meadow
Beckstrand, Evan A., a-S....Meadow
Beckstrand, John Milton......Meadow
Beckstrand, Melvin, ss ....Meadow
Beckstrom, Clyde B., a-F .... Spanish Fork
Beckstrom, Frank Argyle, c-So .... Benjamin
Becraft, Marian, c-F, ss............Provo
Beddoes, Don, a-F.................... Salem
Bee, James William, G............Provo
Bee, Ruth Polly, fa-Sp..............Provo
Beecher, Marcelle, a-J..........Lewiston
Beeston, Boyd William, a-S .... Fillmore
Beglin, William John Jr., a-F .... Glen Cove, L. I. New York
Bell, Kirtley A., c-F.................Monroe
Bell, Milton Severe, ap-F..Grantsville
Bell, Seymour Ferris, a-J..Grantsville
Bell, Vee, ap-F .... Provo
Belnap, Margaret Ruth, ap-S ...... Glenns Ferry, Ida.
Bement, Carol Ann, e-So ....Provo
Bench, Rees E., G. ss..................Provo
Bennett, Faun H., Sp, ss......Meadow
Bennett, Helen, a-So................Provo
Bennett, John, a-F......Hansen, Idaho
Bennett, Lena .... Holden
Bennett, C. Leslie, ss........Huntington
Bennett, Marie Gleason, ss .... Provo
Bennion, Barbara, ss .... Salt Lake City
Bennion, Bernard N., a-J .... Picture Butte, Alberta, Can.
Bennion, J. Elbert, c-So............Murray
Bennion, LeGrand, c-So..........Murray
Bennion, Naoma, ap-So..Farmington
Bennion, Shirley Nadene, c-So...... Picture Butte, Alberta, Can.
Bennion, William Ellis, e-J..Midvale
Benson, C. LeRoy, a-So..Baggs, Wyo.
Benson, Grace Kent, a-Sp....Lewiston
Benson, Howard M., G................Provo
Benson, Lonida, ss ....Moreland, Ida.
Benson, Loraine, e-So, ss-............Ioka
Benson, Ross Dean, c-So .... Preston, Ida
Benson, Thelma, ap-.J......Boise, Ida.
Bentley, Erma, c-S..............St. George
Bentley, Norma, e-J...............Parowan
Bentley, Roma, e-J.................Parowan
Bentley, Wendell W., ap-F....Teasdale
Berg, Joan, c-F...........................Provo
Bergesen, Rosemae, e-J .... Silverton, Colo.
Berlin, Mildred M., a-S .... Blackfoot, Ida.
Berry, (Alta) Naomi, fa-F .... Hollwood, Calif.

Bertrand, Julius Armond, fa-So........Santa Monico, Calif.
Bertrand, Louis Arthur, o-J ....Santa Monica, Calif.
Bezzant, Horold Albert, o-F .... Pleasant Grove
Bigelow, Afton, c-J, ss..............Provo
Bigelow, Hazel, ap-F....Douglas, Ariz.
Bigelow, LaVell, G. .... Provo
Bigelow, Richard C., e-F...........Provo
Billings, Gordon, a-Sp................Provo
Bingham, Clive Lanning, a-F........ Spanish Fork
Bingham, Earl Mark, a-J........Vernal
Bingham, Grace, c-F......Preston, Ida.
Bingham, Floyd Robert, c-So....Vernal
Bingham, Jeanne Anne, e-F....Payson
Bingham, Kathryn, ap-S .... Weston, Ida.
Bingham, Sanford M., G, ss ...... American Fork
Bird, Beth, c-So .... Provo
Bird, Donald Lester, fa-F. ..Mapleton
Bird, Dorothy, ap-F....................Delta
Bird, Forest W., G, ss .... Sheridan, Wyo.
Bird, Gene Emmett, c-F ....Springville
Bird, Howard A., G, ss .... Manassa, Colo.
Bird, J. Martell, c-S..................Provo
Bird, Josephine Snarr, fa-Sp....Provo
Bird, Kenneth Tanner, ss .... American Fork
Bird, Martha, e-S................Springville
Bird, Robert Freeman, ap-S, ss .... Mapleton
Bird, Virginia, ap-F..............Mapleton
Birrell, Verla, G............Salt Lake City
Bitter, Barbara, e-J....Rexburg, Ida.
Bjerregaard, Maxine, a-J..........Provo
Black, Focha, e-S........El Paso, Aexas
Black, Floyd H., e-Unm. .... Harper, Oregon
Black, Leland, c-F..............Marysvale
Black, Merrill L., e-F..............Ferron
Black, Noal H., a-So............Anthony
Black, Nyta, e-J......................... Provo
Black, Ronald, e-J ....Ferron
Black, Theral R., ss..................Ferron
Black, Velma, e-J.................. Ferron
Black, Vernal J., fa-Sp............ Provo
Blackburn, Dewane E., ...Loa
Blackham, (Mary) Jewel, ap-F ... Moroni
Blackham, Sheril Ja, c-J .... Castle Dale
Blackmore, William, G. .... Cardston, Alberta, Can.
Blain, Sarah Florence, e-So .... Spring City
Blair, James E., G.................... Provo
Blake, Della Ilene, a-Sp......Hinckley
Blake, George R., ap-So............Provo
Blake,, Grant E., a-So................Provo
Blake, Vera, ap-So ....Murray

Bland, Alexander a-J .... Taber, Alberta, Can.
Blaylock, Robert M., c-J .... Idaho Falls, Ida.
Blazzard, Ruth, a-F.... ....Kamas
Bleak, Howard Holmes, c-J .... Salt Lake City
Bloomfield, George W., c-S .... Shiprock, New Mexico
Bluth, Ada, e-Unm......ElPaso, Texas
Bluth, Lucy, f-F ....Colonia Dublan, Chih, Mex.
Bluth, Max, c-F ....Colonia Dublan, Chih, Mex.
Boden, Ellis Lee, f-F ....Burley, Idaho
Boel, Joseph M., f-J.....................Provc
Bohman, Dean F., ap-S..........Monroe
Bohnet, Robert Sherman, e-So........ Somerset, Colorado
Boley, Vilate, ap-F....American Fork
Bonnett, Stanford, J., ap-S......Provo
Booth, Diane, e-S..............Cedar City
Booth, Editha, a-Sp.....................Provo
Booth, Grace Helen, a-F............Provo
Booth, Lillian, a-So, ss..............Provo
Booth, Louis W., fa-J .... Salt Lake City
Booth, J. Malcolm, a-S..............Provo
Booth, Newell Wayne, Sp, ss ...... Blackfoot, Ida.
Booth, Thornton Y., a-J............Provo
Booth, Wayne Clayson, a-So....Provo
Borg, Glen Mervyn, e-S............ Sandy
Borg, Robert LaMar, c-F.............. Salt Lake City
Borg, Ruth Melba, fa-F............Sandy
Borup, Idella, ap-Unm...Emmett, Ida.
Bosh, Merie Alice; e-Sp, ss........Levan
Boshard, Dod, c-F .... Provo
Boswell, Calvin Roy, ap-S, ss..Provo
Boswell, Eugene, fa-So............Provo
Boswell, Gladys, ap-S..................Provo
Boswell, Joseph L., ap-S, ss....Nephi
Bouchard, Emily Eurena, ap-F...... El Monte, Calif.
Boulden, Douglas Lester, a-J .... Castle Dale
Bourne, Henry J., c-J................Provo
Bowen, Blair, fa-......SoSpanish Fork
Bowen, Dave, a-So........Spanish Fork
Bowen, David Stuart, e-F ....Spanish Fork
Bowen, L. Keith, e-J......Spanish Fork
Bowen, H. Reed, c-J........Burley, Ida.
Bowen, Ned Foster, c-F....Burley, Ida.
Bowen, William D., a-So .... ,Spanish Fork
Bowies, Catherine, Sp, ss ....Nephi
Bowles Eugene, a-F... Hastings, Neb.
Bowles Geraldine, e-J............ ...Nephi
Bowman, Bardell Robinson, fa-J.... Provo
Bowman, Betty, ap-So .. ..Provo
Bowman, Mary, ap-F ....Provo
Bown, Alta B., e-S, ss ....Manti
Bown, Edward Marquis, ap-F...Provo

Bown, Glen G., fa-S..........Manti
Bown, Henry M., c-S..........Provo
Bown, Norma June, c-F..........Provo
Boyack, Archie R., ss......Lovell, Wyo.
Boyack, Bert Albert, G..Spanish Fork
Boyack, Bert Walter, G. .... Spanish Fork
Boyce, Alice Ruth, ap-F .... Chorlo, Mont.
Boyce, Garth, ap-F..........Provo
Boyce, Norma, c-F ....Salt Lake City
Boyden, Lyle, c-So..........Provo
Boyer, Birdie Delora, a-F..........Provo
Boyer, LaMar, ap-F ....Provo
Boyer, William A., a-F........Springville
Boyle, Clyde Francis, c-J..........Provo
Boyle, George Wesley,c-So........Provo
Boyle, Louis Franklin, a-F .... Oakland, Calif.
Boyle, Mark Keith, c-So..........Provo
Boyle, Phyllis Mae, ap-F........Payson
Boyle, Wm. Sydney, ss..........Provo
Boyson, Bert Wilton, a-F .... Raymond, Alberta, Can.
Bradford, Gordon Richard, a-F .... Spanish Fork
Bradford, Henry Wells, c-S .... Spanish Fork
Bradley, Betsy, ap-F ..Salt Lake City
Bradley, Dale, sp-So .... Elsinore
Bradley, Ralph, c-So....Salt Lake City
Bradley, Rulon Lamar, fa-F.......... Mammoth
Bradshaw, Bernece, Eunice, fa-S.... Lehi
Brady, Elma C., ss .... Nephi
Brady, Hanna, c-Sp ..Manassa, Colo.
Brady, Leland Reese, a-So .... Manassa, Colo.
Brady, Nyle C., a-J.......... Manassa, Colo.
Brailsford, Ethel Vern, fa-J .... Cody, Wyo.
Brailsford, Freeda, c-F......Cody, Wyo.
Brailsford, Jack Warren, a-F .... Cody, Wyo.
Brailsford, Robert Earl, a-F ....Cody, Wyo.
Braithwaite, Royden C., ss......Heber
Bramwell, Wendell, c-Sp..........Ogden
Brasher, Lucinda, ap-J....Huntington
Breckenridge, Carnot Elison, ap-F.. .... Hilger, Montana
Breinholt, Vance LeRoy, a-J.......... Ephraim
Briem, Beverley, c-J ....Ogden
Breinholt, Verna A., G......Springville
Briggs, Beth, e-S .... Magrath, Alberta, Can.
Briggs, Stanley Melvin, e-F .... Gigby, Idaho
Brimhall, Don S., ap-So....Paris, Ida.
Brimhall, Marjorie Fern, ap-So.... .... Bingham
Brimhall, Ralph, ss....Evanston, Wyo.

Brimhall, Victor, fa-So..........Provo
Bringhurst, Afton, e-J......Springville
Brink, Lloyd William, e-J....Kaysville
Brinkerhoff, Harris Leone, fa-So, ss .... Provo
Broadbent, Basil, fa-So....Santaquin
Broadbent, H. Smith, a-So .... Snowflake, Ariz.
Broadbent, Thomas Ray, a-F..Heber
Broadhead, Fern, ss.......... Nephi
Brockbank, Carl Lewis, a-J .... Spanish Fork
Brockbank, Elaine, fa-So..Springville
Brockbank, Helen, ss .... Provo
Brockbank, Starr Lewis, ss.......... Spanish Fork
Brackbank, Wallace W., ss .... Springville
Brooks, Leland, G..........St. George
Brooksby Warren Russell, ap-F .... Fredonia, Arizona
Brothersen, Eva Lenora, e-So .... Mt. Pleasant
Brough, LoRay F., e-S, ss..........Provo
Brough, Zur, ap-J..........Spring City
Brower, JoAnne, fa-So ....Salt Lake City
Brower, Naomi, fa-F..........Fillmore
Brown, Bessie M., e-J, ss .... American Fork
Brown, Chester L., a-So Benson, Ariz.
Brown, Clark Kendall, c-G .... American Fork
Brown, Deane Wakley, e-So .... Pocatello, Ida.
Brown, Douglas, a-So..........Springville
Brown, Duane, a-S..........Provo
Brown, Faye, ss ....Monroe
Brown, Gail Nile, c-J....Weiser, Ida.
Brown, Hugh Card, fa-F .... Salt Lake City
Brown, Isabel Bird, ss..........Lehi
Brown, Jennie, ss..........Mesa, Ariz.
Brown, Joe Featherston, a-So...... .... Copperton
Brown, Kenneth Hill, ap-So .... Weiser, Idaho
Brown, Mary Jane, e-J..........Provo
Brown, Milton Evan, e-S .... Belleville, Ill.
Brown, Naomi, c-F....American Fork
Brown, Vincent McEwan, G......Provo
Brown, Walter William, a-So .... Salt Lake City
Brown, Weston D., a-F..........Provo
Bruhn, Arthur Frederick, a-S .... Panguitch
Brunson, Marilyn, fa-J..........Fillmore
Brunson, Marjorie, c-So..........Fillmore
Bryner, Maurine F., G..........Provo
Bryson, Vern Elrich, a-So........Payson
Buckley, Rae, a-So..........Provo
Buckley, Robert Stewart, a-F..Provo
Bugg, Etheleen, e-F..........Blanding
Buggot, Anneliese, ss..........Provo

Bullock, Kenneth C., a-S .... Pleasant Grove
Bullock, LeDell Inex, ap-F........Provo
Bullock, Norma Louise, fa-F....Provo
Bullock, Norma Mangum, a-Sp.... Provo
Bullock, Vic Collins, e-S............Provo
Bullock, William Woodrow, a-Unm .... Taber, Alberta, Can.
Bunderson, Joseph V., ss. .... Wellington
Bunker, Lyle Iverson, a-F..........Delta
Bunker, Vera, e-So ....Delta
Bunnell, Karl, G...........................Provo
Bunnell, Kay LeRoy, c-S..........Helper
Burgess, Reid, ap-J.....................Alpine
Bungess, Robert Carl, ss .... Castleford, Ida.
Buranek, Alfred Martin, a-S .... So. Pas., Calif.
Burgess, Dale, ap-So.................Alpine
Burgon, Burniss, a-F...............Midvale
Burigsay, Cecilio Espejo, G .... San Nicholas, Is. N. Philippines
Burke, Douglas, sp-F ......Lovell, Wyo.
Burke, Gordon Alma, fa-F .... Shelley, Ida.
Burke, Julia Mary, ss .... Casa Grande, Ariz.
Burnett, J. Reid, a-So......Greenriver
Burnside, Boyd Wayne, ap-F .... Mt. Pleasant
Burnside, Verna F., c-F .... Mt. Pleasant
Burnside, Wesley M., fa-J .... Mt. Pleasant
Burr, Beth, e-Unm.....................Salina
Burton, Chares Richards, a-S..Ogden
Burton, Margaret, e-Sp, ss .... Salt Lake City
Bushman, Burton Delbert, ap-So.... Winslow, Ariz.
Bushman, Henry Keith, a-F........Lehi
Bushman, Morris Smith, ap-F........ Joseph City, Ariz.
Bussio, Mario, a-F.......................Provo
Buswell, John Robert, fa-F, ss..... Ogden
Butler, Harry, e-Sp.....................Provo
Butler, D. Maxwell, fa-J................ Snowflake, Ariz.
Butler, Hortense, e-So....Malad, Ida.
Butler, Myrlene, ap-So.................. Snowflake, Ariz.
Butler, Phyllis, ap-So......Driggs, Ida.
Butler, Ross Adelbert, c-Sp........Provo
Butterfield, Chloe, a-J..........Riverton
Buys, Archie Dale, fa-F............Heber
Byers, Max R., c-J..........Fruita, Colo.
Caffall, DeOn, a-S, ss......Springville
Cahoon, Ellen, ss.............................. Leavitt, Alberta, Can.
Cahoon LaRue, e-So ....Delta
Calder, Sam, fa-S....................Vernal
Caldwell, Lois DeOnn, e-F......Vernal
Call, Benjamin E., a-S..........Brigham
Call, Joan E., e-S..................Brigham
Call, Lloyd Stanford, a-So.............. Pocatello, Ida.
Call, Nelda, e-F .... Col. Dublan, Chih, Mex.
Call, Parley Pratt, fa-F......Bountiful
Callan, Mary, G..............Preston, Ida.
Callan, Virginia, c-F....Preston, Ida.
Callahan, Sterling, G................Provo
Candland, Dorothy Nelson, e-S.... Provo
Cannon, Dorothy Jean, ap-J....Provo
Cannon, George Stanton, a-J........ St. George
Cannon, June Aileen, e-F.............. Los Angeles, Calif.
Cannon, Jonathan S., G, ss.......... Farmington
Cannon, Lucy Grant, ap-So............ Salt Lake City
Cannon, Sterling Bennion, ap-J.... Salt Lake City
Cannon, Willard Lester, c-S .... Salt Lake City
Card, Alice Priscilla, e-So.............. Raymond, Alberta, Can.
Card, Lester Charles, a-J.............. Cardston, Alberta, Can.
Card, Ruth, ap-So.......................... Cardston, Alberta, Can.
Carey, Dorothy Mae, a-J.............. Somerset, Colo.
Carlile, Aleen, e-J.....................Kamas
Carlile, Lewis A., e-So............Kamas
Carpenter, Lydia S., ss..............Manti
Carpenter, Robert Allred, c-J..Manti
Carroll, Leland Roy, c-F..........Vernel
Carroll, Paul Herman, ap-S.......... Brownwood, Texas
Carson, Della, ss...........................Lehi
Carson, Lola, e-So...................Fairfield
Carter, Aldoria, e-F...................Provo
Carter, Betty Norma, a-F.........Helper
Carter, Edith, c-So..................Murray
Carter, Eugene, c-S......Salt Lake City
Carter, Nelda, ap-So..................Provo
Carter, Sherman Ward, ss..Minersville
Carver, Audrey June, fa-F........Ogden
Carver, Ruth W., g.....................Ogden
Case, Burtis Trevere, fa-F.............. Carey, Idaho
Case, Keith, a-So............Mr. Emmons
Cash, Bennett, e-Sp, ss..........Midvale
Castle, Elias Smith, G..Salt Lake City
Castle, Sarah Smith, fa-S.............. Salt Lake City
Castleton, Leon J., Sp .... Blackfoot, Ida.
Catmull, Rex Morris, c-J................ Burley, Ida.
Cazier, Gerald Marsden, c-F....Nephi
Chadwick, Effie Marion, a-Sp...... Farmington
Chadwick, Idon, e-J........Weiser, Ida.

Chadwick, Russell, a-S............Morgan
Chadwick, Ruth Spratley, fa-F...... .... American Fork
Chamberlain, Garth, ap-So....Kanab
Chamberlain, H. Lavelle, Ed. Sp, ss .... Orderville
Chandler, Harry P., G................Provo
Chapman, Arthur O., a-J........Heber
Chapman, Maurice B., fa-F......Nephi
Chappell, Margaret R., e-So....Provo
Checketts, Clyde Alvin, fa-F....Ogden
Cheeseman, Harriette, fa-J......Provo
Cherrington, A. Bert, e-So............. .... Springville
Child, Earl S., c-F..............Springville
Chipman, Dee Keith, a-So..Kaysville
Chipman, Nan, a-So..................Provo
Chipman, Ora, ss........American Fork
Chipman, Parker, a-F..American Fork
Chipman, Ralph Southwick........Ferron
Choules, Merry, c-F........Driggs, Ida.
Christensen, Afton Jane, c-F........ .... Shelley, Ida.
Christensen, Alta, e-J................Lehi
Christensen, Avalon, a-F .... Prescott, Ariz.
Christensen, Bernard C., ss............ .... Spring City
Christensen, Bessie Naomi, a-So.... .... Kirtland, New Mex.
Christensen, Betty Ruth, a-F....Provo
Christensen, Bryce H., a-So .... Minneapolis, Minn.
Christensen, Cleo, e-So..Mt. Pleasant
Christenson, Culleen, a-F..........Provo
Christensen, Del Moine C., e-S..Provo
Christensen, Donald N., a-So....Provo
Christensen, Doyle Lorenzo, v-So.. .... Provo
Christensen, Edna Mae, e-So.......... .... Mt. Pleasant
Christensen, Edward, fa-J........Delta
Christensen, Evah, ap-So .... Central, Ida.
Christensen, Evan C., ss .... Rexburg, Ida.
Christensen, Glenn, ss..............Provo
Christensen, (Alfonzo) Herman, fa-F .... Prescott, Ariz.
Christensen, Irene, c-F..............Provo
Christensen, Kathryn, e-J....Richfield
Christensen, Jas. Elane, ss..Richfield
Christensen, LaVon A., Sp........Salina
Christensen, Lois Bowen, Sp......Provo
Christensen, Merrill Grant, a-S..Provo
Christensen, Merlin G., ss.............. .... Mt. Pleasant
Christensen, Mona, ap-S........Elsinore
Christensen, Muriel, e-Sp, ss....Provo
Christensen, Owen Driggs, ap-F.... .... American Fork
Christensen, Ray Lang, a-So .... Richfield
Christensen, R. W., e-So .... Mt. Pleasant
Christensen, Reva, ss..............Elsinore
Christensen, Roma Simmons, c-F.. .... Provo
Christensen, Romania, cF........Provo
Christensen, Rulon, e-Unm .... Spanish Fork
Christensen, Ruth J., a-Sp........Provo
Christensen, Thera, ap-So, ss....Provo
Christensen, W. Blake, ss .... Idaho Falls, Ida.
Christensen, Wallace Erickson, c-S .... Hiawatha
Christiansen, Chester E., e-S........ .... Monroe
Christianson, Jack, e-F .... Spanish Fork
Christiansen, John Martin, a-J........ .... Pleasant Grove
Christiansen, Juna, e-So............Provo
Christiansen, LaMar Joseph, c-F.... .... Gunnison
Christiansen, Mary, c-F .... Pleasant Grove
Clark, Angelia Alice, a-So........Alpine
Clarke, Alva John, G, ss ....Magrath, Alberta, Can.
Clark, Barney Bailey, a-F........Provo
Clark, Betty, a-F..........Denver, Colo.
Clark, Carl Donald, a-S........Coalville
Clark, Carl Alma, a-F .... Freedom, Wyo.
Clark, Carl N., ap-Sp .... St. Charles, Ida.
Clark, Carol, fa-F........Pleasant Grove
Clark, David Hobson, ap-F .... American Fork
Clark, Edith, e-J.........................Provo
Clark, Elden D., a-F..................Provo
Clark, Ellsworth Marion, ss .... Parker, Ida.
Clark, Ethel, e-J, ss....................Provo
Clark, Evelyn, ss........................ Lehi
Clark, Homer Hone, c-F............Provo
Clark, James Ratcliffe, c-G......Provo
Clark, Larry, ap-S .... Kemmerer, Wyo.
Clark, Leath, e-F .... Lehi
Clark. Mable Hone, c-Sp............Provo
Clark, Marjorie, Merie, ap-F....Provo
Clark, Melba, c-J........................Provo
Clark, Naomi, ap-So............Bountiful
Clark, Richard Hone, c-S..........Provo
Clark, William Byron, e-J..........Provo
Clarke, Alva John, G................Provo
Clayson, DeMar, e-So....Spanish Fork
Clayson, Lawrence William, ss...... .... Santaquin
Clayson, Wayne Lee....................Provo
Clayton, Dorothy, c-So............Provo
Clayton, Vaughn Allen, a-S .... Salt Lake City
Clemens, Margaret, ap-Sp........Salem
Clement, Ted, ap-F.............Duchesne
Clinger, Clifton Dee, fa-J........Provo

Clinger, Morris Martin, ss........Provo
Cluff, Al Fleming, fa-S .... Pasadena, Calif.
Clyde, Barbara, e-So............... Heber
Cochrane, Myrtle Thornton, e-Sp.. .... Provo
Cochrane, Orton Stephen, fa-F.... .... Provo
Coffman, LaPrele c., e-Sp..........Provo
Coleman, James Smoot, c-J......Provo
Coleman, James Smoot, c-J....Provo
Coles, Betty Jane, fa-So .... New Castle, Colo.
Collett, Farrell R., ss.................Ogden
Collins, Ted Emery, a-J............Ogden
Colton, Gwen Mary, a-So............Provo
Colton, C. Ray, ss..............Springville
Colvin, Harold A., G..................Provo
Colvin, Orlin G., ss Cane Beds, Ariz.
Colvin, Reed H., ss ....Lovell, Wyo.
Colivn, Ruth Stott, c-Sp.............Provo
Conder, Dean Earl, a-So, ss......Provo
Condie, Aileen, a-S............Springville
Condie, Carol, ap-J............Springville
Conrad, Nephi David, c-J .... McGill, Nev.
Cook, Lena, e-So..........Nampa, Ida.
Cook, Lily, e-So...............Nampa, Ida.
Cooley, Jane, ss. ....Salt Lake City
Coombs, Alvin A., e-S........................ Fountain Green
Cooper, Robert P., G................Helper
Coray, Warren George, a-F....Payson
Cordner, Blaine, c-F..................Provo
Cordner, Thomas, e-Sp, ss........Provo
Cornaby, Floyd Victor, ss....Benjamin
Cornaby, Mary J., e-Sp .... Spanish Fork
Cornaby, Robert Allen, a-J .... Spanish Fork
Cornaby, Wayne W., ap-S .... Spanish Fork
Cottam, Doyle V., ap-F......Escalante
Cottam, Mason M., fa-S....St. George
Cottam, Venice, c-J, ss. ....Provo
Couch, Howard W., ss ....Menan, Idaho
Couch, Thella Hess, ss,........................ Lewiston, Ida.
Covert, Myrl, e-J..............Spring City
Cowan, Lorna, c-So................Payson
Cowley, A. Wayne, ss...............Venice
Cowley, Elda Maria, ap-So......Venice
Cox, Amy Smith, fa-So .... Pocatello, Ida.
Cox, Catherine May, e-So..........Delta
Cox, David Raymond, e-J .... Orangeville
Cox, Lela Caroline, e-J..........Fairview
Cox, Mildred, a-F...................... Provo
Cox, Ruby, ss .... Provo
Cragun, Ellen June, e-Unm........Provo
Craig, Marshall Ray, a-S, ss .... El Dorado, Arkansas

Crandall, Floyd William, e-So...... .... Springville
Crandall, Hazel, fa-J..............Salina
Crandall, Sterling M., c-G..Springville
Crandall, Stewart Merrill, a-S..Provo
Crane, Doris, a-J.........................Provo
Crane, Florence Alice, fa-F......Nephi
Crane, Gordon Reed, ap-F........Provo
Crane, Joseph W., ss.................Salina
Crane, Marjorie, c-F..................Salina
Crane, Warren M., ap-F...........Salina
Craner, Clariese M., ss ....Las Veges, Nev.....
Cranmer, Robert Arthur, a-So........ .... Springville
Cranney, W. Doyle, a-S .... Auburn, Wyo.
Cranney, Hattie Elnora, e-S .... Auburn, Wyo.
Cranney, Jean, fa-F.........Burley, Ida.
Cranney, June, e-So....Auburn, Wyo.
Craven, Keith Bowen, a-F........Provo
Craven, Marie Lenore, a-Jr .... Rexburg, Ida.
Crawford, Reodell Darline, e-F...... .... Sandy
Creer, Allen Bradford, c-So .... Spanish Fork
Creer, Joseph E., a-F......Spanish Fork
Critchlow, Elinor, a-F.................Provo
Critchlow, Frances, e-Sp, ss....Hyrum
Critchlow, Melva, c-Sp.................Price
Croft, Elmo Aaron, a-So.............Provo
Croft, Evan M., G ....Provo
Croft, Patricia, e-J......Salt Lake City
Crompton, Elnora, ss.................Ogden
Crowley, LaRue George, ss....Kanosh
Crowley, Lola Dawn, ap-F............ .... Idaho Falls, Ida.
Crowther, Elaine Almorine, c-So.... .... Alamosa, Colo...
Crowther, June Fern, e-J .... Salt Lake City
Crowton, David M., G ....Provo
Crowton, Ralph Ernest, e-S......Provo
Crum, George W., a-So..............Provo
Crystal, Laura, c-F .... American Fork
Cuff, Champ T., fa-S........Marysvale
Cullimore, Odessa A., a-Sp, ss....Provo
Cullimore, Wanda, a-J...............Provo
Cummins, Densil H., ss .... Shreveport, La.
Cunningham, Mack B., c-So .... American Fork
Currie, Emily Sarah, ss ....American Fork
Curtis, Coral, ap-S, ss.................Provo
Curtis, Earl Garf, e-F............Richfield
Curtis, Glenn, e-J.......................Provo
Curtis, T. Wesley, Sp..Blackfoot, Ida.
Curtis, Joseph Wesley, ss ....Blackfoot, Ida.
Curtis, Leah, ss ....Driggs, Ida.
Curtis, Leora, fa-S, ss..............Provo

Curtis, Pauline, ap-F..Salt Lake City
Curtis, Viola Hale, ss ....Provo
Dabling, Marjorie, c-So............Provo
Dahlquist, Carlyle A., a-J........Provo
Dahlquist, Charles Winston, a-J.... .... Provo
Dahlquist, Rosaline, c-F..........Provo
Dahlsrud, Alma, e-J......................Price
Dalby, Max Foreman, fa-So .... Salt Lake City
Dance, Leah, e-So....Blackfoot, Ida.
Dangerfield, Norma, c-F............Provo
Damron, Enid Edwards, c-Sp....Ferron
Daniels, Ferris Ray, c-So........Payson
Daniels, June, c-So.........Spanish Fork
Daniels, Vernan Dale, a-F......Payson
Daniels, William Dale, fa-F....Tooele
Davies, LaRae Alleman, e-Sp....Provo
Davies, Victor Lewis, a-F........Provo
Davies, Vivia Louise, fa-F........Provo
Davies, Morley, e-F............Duchesne
Davis, Albert Marion, ap-F .... Bicknell
Davis, Beth Alene, cF................Heber
Davis, Boyd C., G........................Provo
Davis, Carlos, c-So.......................Salem
Davis, Frances, fa-S......Shelley, Ida.
Davis, J. Leslie, ss.....................Venice
Davis, Keith Giles, c-J...................Lehi
Davis, Lawrence M., c-Unm....Salem
Davis, Lois, a-So...............Grace, Ida.
Davis, Marion, a-F........Shelley, Ida.
Davis, Mary Eleanor, c-F .... Spanish Fork
Davis, Naomi, fa-J................Brigham
Davis, Wallace Needham, a-F....Provo
Dawson, Glen Harry, a-So......Payson
Day, Dorothy, e-So...................Aurora
Day, Gilbert E., c-So...................Casis
Gay, Gladys Frampton, ss......Fillmore
Daynes, Dorothy, a-So .... Phoenix, Arizona
Dean, Gene William, e-So .... Lyman, Wyoming
Dean, Harold Lawrence, a-S .... Salt Lake City
Dean, Jeny, a-So..................Randlett
Dean, John Wilson, c-So .... Salt Lake City
Dean, Roy Victor, a-F..Mancas, Colo.
Dean, Winifred, e-J..................Provo
Decker, Charles Adams, a-F ....Kirtland, New Mex.
Decker, Pearl Adams, ss .... Kirtland, New Mex.
DeGraff, Dale C., e-S................Heber
DeGraff, Jay, c-So.....................Heber
DeHart W. McArthur, ss...........Ogden
DeLaMare, Marjorie, c-F..........Tooele
DeLoney, Hyrum Charles, a-So .... Salt Lake City
Demos, Helen, fa-S ....Provo
Demson, Gertrude Elizabeth, e-J.... .... Salem
Dennett, Woodrow Cragun, a-J...... .... St. George
Dennis, Elvin, G..........................Provo
Dennis, Howard Norman, fa-So.... .... Myton
Derr, Mary Arlene, fa-So..Teton, Ida.
Despain, Carroll Eldom, a-Sp........ .... Preston, Ariz.
Devey, Afton, e-So .... Alpine
Devitt, Willard Raymond, e-S....Provo
DeVoe, Bob Kenneth, a-F .... Somers, Mont.
DeVoe, George A., a-S..Somers, Mont.
DeWitt, Eleanor Gayle, e-So .... Mesa, Ariz.
Dickerson, Lois Effie, ap-Sp......Lehi
Dickson, Kathleen, c-F .... Kalispell, Mont.
Dickson, Newell Despain, a-J, ss .... Cowley, Wyo.
Dillman, Naomi E., a-So....Roosevelt
Dimick, Cecil Ira, G .... American Fork
DiRoma, Henry Enrico, a-So ....Rochester, N. Y.
Dix, Max, a-F .... Provo
Dixon, Alice Dielenna, e-S........Provo
Dixon, Aloa, c-So.........Phoenix, Ariz.
Dixon, Donald Maiben, ss..........Provo
Dixon, Dorothy, e-S..................Ogden
Dixon, Evelyn, a-S, ss................Provo
Dixon, Forrest B., e-J....Gooding, Ida.
Dixon, Gladys, ap-F...................Provo
Dixon, Grant DeGrey, a-J...........Provo
Dixon, Owen, a-So.....................Provo
Dixon, Phyllis, ss ....Payson
Dixon, Vera, c-So......................Provo
Dodge, S. Arvid, c-S..Phoenix, Ariz.
Done, Edith, ap-F.......................Provo
Done, Elizabeth, a-F ....Provo
Donnelly, Alton Stewart, a-F ....Kemmerer, Wyo.
Dorius, Harold Moyle, c-F........Delta
Doss, Loy Fielding, ss. ....Provo
Dowdle, Harold Lowe, a-F .... Rigby, Ida.
Dowdle, Robert Max, ss....Springville
Downard, Edna, e-J..........Spring City
Downs, John Winston, a-S........Provo
Dransfield, Melvin, c-J............Ogden
Draper, Everett C., ss ....Kamas
Draper, Howard Walter, ap-J .... Wellington
Draper, Leona, e-S....................Ogden
Driscoll, Mary H., e-Sp, ss......Eureka
Duce, Donald Folsom, c-S........Provo
Duce, George Harold, c-S..........Provo
Dudley, H. James, e-S..Orland, Calif.
Dudley, Margaret, a-S, ss..........Provo
Duffin, Lois M., a-So.................Axtell
Duke, L. Allen, a-F......................Provo
Duke, Nellie Dalila, e-F............Heber
Duncan Stella, c-Sp................Meadow
Dunford, Norma, ap-F .... Provo
Dunn, Howard, a-F............Silver City
Dunn, Lono J., e-So...................Joseph

Dunn, Vera, a-S .... Logan
Dunyon, Florence G., e-Sp .... American Fork
Durfee, Merrill G., fa-F ....Aurora
Durnell, G. Ray, ss .... Lehi
Durrant, Norma, ap-F American Fork
Durrant, William Stanford, a-F, ss .... Provo
Dusenberry, Robert Kelly, a-F..Salina
Dyches, Thos. W., ed-Sp.............Provo
Dye, Willard Ernest ....Firth, Ida.
Dyreng, Lucille, e-S ,................ Manti
Eager, D. R., ss...................Mammoth
Earl, Don Lee, fa-S .... Las Vegas, Nev.
Earl, Harold L., c-So .... Las Vegas, Nev.
Earl, Leland Joseph, G...............Ogden
Earl, Ray, c-F..........Las Vegas, Nev.
Earl, Samuel Aubrey, e-S, ss .... Mountainview, Alberta, Can.
Earl, Thera Jean, c-Sp .... Mountainview, Alberta, Can.
East, Maurine, e-So.....................Provo
Eastmond Elbert John, ss...........Provo
Edwards, Donna, c-So.................Delta
Edwards, Helen, ap-Unm ....Ferron
Edwards, Marjorie ap-F ....Pro,vo
Eggertsen, LaMarr, a-So...........Provo
Eggertsen, Luther Bud ,a-So......Provo
Eldredge, Leah, ss,......Salt Lake City
Eldredge, Martha, e-J..Salt Lake City
Ellett, Darwin Eugene, ss .... Spanish Fork
Elliott, Max Carter, c-a............Provo
Ellis, Boyd M., a-F............Spring City
Ellison, Helen, e-S......American Fork
Ellison, Jack R., a-J...................Provo
Ellison, John A., ap-So..Spanish Fork
Ellsworth, Cyrus, ap-So............Provo
Ellsworth, Elman, a-J..............Payson
Ellsworth, Genevieve, e-Sp, ss .... Pleasant Grove
Ellsworth, Thyrle Edmund, fa-F.... .... ElMonte, Calif.
Ellsworth, Vaughn, William, a-So .... Mesa, Ariz.
Emery, Kleona Elayne, c-F .... Salt Lake City
Emley, Elbert Francis, c-..........Ogden
Ence, Lenna H., fa-Sp, ss.........Provo
Engberson, Chrissie ....Driggs, Ida.
Engberson, Ione, fa-P....Driggs, Ida.
Ensign, Albert Lozene, a-Unm. .... Salt Lake City
Ercanbrack, Sterling Keith, a-F...... .... Provo
Ericksen, Frank Russell, fa-F ....CouerdAlene, Ida.
Ericksen, McLoyd, fa-J ....Manti
Ericksen, Refell Leon, a-Unm..Provo
Erickson, Robert Edward, e-F .... Salt Lake City
Erickson, Werner Arnold, fa-J, ss.. .... Pocatello, Ida.

Esplin, Dwane Ward, ap-F .... St. George
Esplin, Pearl, fa-F..........Preston, Ida.
Esplin, T. Lavoy, ss ....Orderville
Evans, Beth Rowe, fa-S..Spanish Fork
Evans, Dortha LeRaine, a-F......Provo
Evans, Bud Davis, e-S..Spanish Fork
Evans, Earl Eugene, fa-F......Bountiful
Evans, Glen Jensen, c-So .... Spanish Fork
Evans, Harry T., e-F..Somerset, Colo.
Evans, Helen, Mar, a-So................. .... Faymond, Ida.
Evans, Jayne Ann, ss....Spanish Fork
Evans, John Riggs, a-J..............Provo
Evans, Joseph E., c-J.................Logan
Evans, Ray Cavin, ap-So..Mood, Ida.
Evans, Shirl O., c-J .... Great Falls, Mont
Evans, Valeen, e-J................Coalville
Everett, Eugene George, ap-So..Ogden
Everett, Schuyler Bentley, c-S .... St. George
Eyr, Floyd G., ss ....Ogden
Eyring, Fern Chipman, ap-So....Provo
Facer, Ruth Dolores, c-So..........Provo
Fackrell, Virginia, a-Sp...............Eden
Fagg, Cenella, Frances, ap-So .... Salt Lake City
Fairbanks, Florence Annetta, ap-J .... Salt Lake City
Fairbanks, John B., a-F .... Salt Lake City
Fairbanks, Merwin Gifford, fa-J.... .... Salt Lake City
Fairbanks, Norma, G..Salt Lake City
Falkner, Edith, e-So ....Provo
Farlaino, George, e-F..........Columbia
Farley, Stanley T., ap-J..... ......Provo
Farnsworth, Erma, fa-F .... Col. Dublan, Chih., Mex.
Farnsworth, Ivis, e-J .... Col. Dublan, Chih., Mex.
Farnsworth, Hatch, a-Sp..........Provo
Farnsworth, Mary, e-S .... Col. Dublan, Chih., Mex.
Farnsworth, Thelma, ap-J......Beaver
Farnsworth, Viola, ss.................Provo
Farr, Eleanor Gertrude, fa-s, ss .... Washington, D. C.
Farr, Lionel Miller, c-So .... Washington, D. C.
Farrer, Claudia, e-F...................Beaver
Faucette, Golda, fa-F..Sanford, Colo.
Faucette, Reese Earl....Sanford, Colo
Faux, Adela, c-F............Spanish Fork
Fechser, Kenneth Frederick, ss .... Manti
Felix, Eileen, c-F................Springville
Felt, Paul Ernest, fa-So .... Salt Lake City
Fenn, Bearl, c-F............Benson, Ariz.
Fenn, Olga, ap-So..........Benson, Ariz.
Fenn, Rey L., ap-So....Benson, Ariz.
Fenton, Nellie, e-So............Parowan

Ferguson, Max Beck, ss..Spanish Fork
Ferlet, Tony, a-F...................... Provo
Ferre, Leo Stubbs, a-F.................Provo
Feulner, Marion, ss...................Hunter
Fielding, Robert Kent, fa-F......Provo
Finch, Ray Hansen, G...Spanish Fork
Finlayson, L. Taylor, a-S............Provo
Finlayson, Vida, ap-J, ss............Provo
Finley, May, Sp. ss. ....Springville
Firmage, William West, c-F..Beaver
Fisher, Grant A., c-J..................Provo
Fischer, Wilford Arthur, e-J .... Scramento, Calif.
Fitzgerald, Annie, ss .... Draper
Fitzgerald, Don C., a-J..........Ephraim
Fitzgerald, John W., G. .... St. John, Ariz.
Fitzgerald, Martha, fa-J........Ephraim
Fitzgerald, Paul Ray, a-So..........Delta
Flake, Carma, fa-Sp..........Mesa, Ariz.
Flake, Ruth Norberg, a-J .... Salt Lake City
Fletcher, Merle, ap-F........Springville
Fletcher, Sarah Ellen, ss ......Junction
Flint, Leon H., e-F .... Layton
Follett, Mabel Larsen, e-S, ss .... Springville
Foote, Elwood Earl, a-So..........Provo
Foote, Kay William, a-So ....Safford, Ariz.
Ford, Afton, c-So............Sandy, Utah
Ford, Carl H., c-So............Wallsburg
Forsey, George Furner, a-S......Eureka
Forsey, Maurine, e-F................Eureka
Forrest, Fred August, e-Unm .... Buenos Aires, Argentina, S. A.
Forsyth, Dagmer Miller, e-Sp....Provo
Forsyth, Harry Hoagland, a-F..Provo
Forsyth, J. LeGrand, a-So .... Kalispell, Mont.
Forsyth, William Ackroyd, G, ss .... Provo
Fossum, Robert Wallace, a-F........ .... Baker, Ore.
Foster, Maxine, ap-F....Safford, Ariz.
Foulger, Delsa, ap-Sp, ss..........Ogden
Fountin, Kleva, c-Sp..................Provo
Fowler, Ted McKay, a-So .... Lethbridge, Alberta, Can.
Fox, Annie Beatrice, c-F....Springville
Frampton, Alta Dee, e-Unm......Provo
Francis, Beth, ap-F .... Santa Ana, Calif.
Francis, Florence, fa-J ....Morgan
Francis, Howard, Kent, ap-J..Morgan
Francis, Malin Elroy, ap-J......Morgan
Francis, Reid Ferguson, a-F .... Springville
Francom, Arthur Facell, a-F....Payson
Francom, George Arthur, ap-F .... Payson
Frandsen, Marian, ap-F........Gunnison
Frandsen, Richard E. J., a-S....Provo
Frandsen, Russell Evan, e-J........Provo
Frandsen, Victor R. .... Springville

Frazier, Leo Odean, c-S..........Oakley
Freckleton, Jennie L., ss..........Provo
Freckleton, John M., G..............Provo
Frederickson, Grant, ap-F..Roosevelt
Frederickson, Harold, ap-So .... Roosevelt
Free, Ledger D., a-F..................Provo
Freeman, Elizabeth, c-F .... Salt Lake City
Freestone, James R., ap-S .... Mesa, Ariz.
Frehner, Leon, ap-S, ss .... Bear River City
Frei, Clark, ss ....Santa Clara
Frei, J. Claud, ss............Santa, Clara
Friel, Garnet LaMar, c-J....Springville
Frose, Herbert Hamilton, a-P ....Pen Craig, Newport, R. I.
Frost, Leland Thomas, ss........Payson
Frost, Melvin, c-F..............Monticello
Fugal, Neil Y., G........Pleasant Grove
Fuller, Chloe, ss .... Eden
Fuller, Dorothy Elizabeth, ap-S .... Barnwell, Alberta, Can.
Fuller, Rose Marie, ap-J .... Barnwell, Alberta, Can.
Fuller, Verda Mae, ap-J .... Barnwell, Alberta, Can.
Fullmer, Frank Eugene, e-F .... Springville
Fults, Chester L., c-So ....Altamont, Tennessee
Furner, Boyd William, fa-F .... Salt Lake City
Gadd, Roy Clyde, a-F................Provo
Gadd, John William, e-J............Nephi
Gaeth, Arthur, ss ....Provo
Galt, Allan Hugh, a-F....Spanish Fork
Gamble, Carma, c-F....Preston, Ida.
Gammell, Raymond William, ap-So .... Provo
Gappmayer, Margaret Mary, ap-F .... Provo
Gardiner, Jack Simeon, a-J .... Pleasant Grove
Gardner, Cumora, a-F......Afton, Wyo.
Gardner, Dean Anthony, a-So........ .... Coalville
Gardner, Edward L., e-J............Delta
Gardner, Frank H., a-F..............Provo
Gardner, Ivin E., ss.....................Salem
Gardner, Keith W. ....Spanish Fork
Gardner, Ken Woodrow, e-F .... Afton, Wyo.
Gardner, Kenneth Grant, a-J.......... .... Afton, Wyo.
Gardner, Marie Colby, e-J .... Brigham City
Gardner, Max Adelbert, ap-F ....Spanish Fork
Gardner, Max Brockbank, c-So .... Spanish Fork
Gardner, Maxine, fa-F. Afton, Wyo.
Gardner, Neil Barclay, a-S .... Spanish Fork

Gardner, Ross D., G. Salt Lake City
Gardner, Samuel Vernon, a-Sp. .... Salt Lake City
Gardner, Weldon James, a-So. ....Salt Lake City
Gardner, Hugh Carlysle, ap-P..Ogden
Garrett, Delane Alfred, ap-F. Provo
Garrett, Phil, c-J. ....Nephi
Garrett, Ralph LeRoy, ss........Nephi
Gauchay, Philip Rollo, a-J............ ....Dillon, Mont.
Gavoille, Melba LaVieve, ap-F. ....Blackfoot, Ida.
Gay, Bill, a-So..............................Provo
Gay, Farrall Dee, a-S................Joseph
Gease, Stanford W., a-Sp........Provo
Gee, Helene Young, ap-J..........Provo
Geertsen, O. Norman, G..........Ogden
Gentry, Elizabeth Margaret, e-F .... Myton
Gentry, Joseph, ap-S...............Beaver
George, Harold R., a-J ....Esvalante
Geslinson, Byron T., G. Spanish Fork
Gibb, Jack R. ss Portland, Oregon
Gibb, Rulon, G........Magrath, Canada
Gibson, M. Carl, fa-So. .... Las Vegas, Nev.
Gibson, R. Owen, a-S. Las Vegas, Nev
Gibb, Verda Stewart, c-Umm .... Magrath, Canada
Giddings, Irene, ap-S. American Fork
Gilbert, Art Gene, e-S. Salt Lake City
Gilchrist, Helen, ss.............Rigby, Ida.
Gilchrist, Izola, ss.............Rigby, Ida.
Giles, Clarence W., Sp.............Heber
Giles, Clarence Wm., ss. Heber City
Giles, Floyd Knight, e-F.........Provo
Giles, Lucille Pratt, fa-J................. ....Salt Lake City
Gilliam, Gloria Patricia, fa-F......... ....Ludlow, Ky.
Gillispie, James Robert, a-J. Provo
Glasscock, Steven Douglas, a-F .... Provo
Glazier, Verlin, ap-F.................Provo
Gleave, Hazel Dawn, e-So. Annabella
Gledhill, Evelyn, e-So........Richfield
Gledhill, Jane, ap-J..............Gunnison
Gledhill, Preston Ray, ss. Richfield
Glines, Marjorie, fa-S..............Ogden
Glissmeyer, Pearl, e-S. Salt Lake City
Glover, Martha, e-F.............Midvale
Glover, Donald Pershing, ap-F..... .... Midvale
Goeslind, Gene H., c-F..Preston, Ida.
Goates, Dorothy Jean, a-So. Provo
Goates, James Rex, ap-So.......Provo
Goodwin, Raymond K., ss.......Grover
Goodrich, Ruth, ss.....................Vernal
Goodrich, Floyd C., Ed. Sp. Vernal
Gould, Arthur, c-S. Los Angeles, Cal.
Gourley, June, e-J. Salt Lake City
Gourley, Vida Ramona, e-F........ ....Salt Lake City
Gowans, Helen, fa-F................Tooele

Gowers, Don Ray, a-So.............Nephi
Gowers, Jay Earl, c-F..............Nephi
Graff, Chester G. G...................Provo
Graham, Beulah, c-F..............Fairview
Graham, Beverlee Lucille, a-F. Provo
Graham, Arnold Earl, a-F........Provo
Graham, Jo, e-S. ss..................Provo
Graham, Lawrence Lee, c-Umm Provo
Graham, Ray Clegg, G......Wallsburg
Grange, Morinda, ss...................Price
Grant, Dama, fa-So............Springville
Gravelle, Ramona Margaret, c-F. ....Pleasant Grove
Gray, Don Lloyd, c-F. Pleasant Grove
Gray, Grace, e-So.......................Provo
Gray, Eunice Jeanette, a-So. Tooele
Gray, Lynn Hyrum, a-F................Lehi
Greaves, Cleah, a-So. Salt Lake City
Green, Alberta, fa-S. Chicago, Ill.
Green, Robert Raymond, c-So. Provo
Greenwell, Ruth, e-S................Ogden
Greenwood, E. Morgan, e-J. Nephi
Greenwood, Dorothy C., c-F.......... .... American Fork
Greenwood, Sherman R., a-J........ ....American Fork
Griffin, Vernile Emerson, a-S........ .... Esvalante
Griner, Verda May, c-F. Phoenix, Ariz
Groesbeck, Lue S., ss. American Fork
Groneman, Jack LaVar, a-F. Provo
Groneman, Paul Stanton, a-F. Provo
Gubler, Clark J., ss...............LaVerkin
Gudmundson, Barbara, a-J, Springville
Gudmundson, Priscilla, c-F........... .... Springville
Gull, Beatrice Gardner, e-J............ ....Spanish Fork
Gunn, Hayes Charles, c-F. Elsinore
Gunnell, Halden, e-S........Grace, Ida.
Gustaveson, Herbert Julius, c-F..... ....Preston, Ida.
Gutke, Rowena, ap-F. Shelley, Ida.
Hacking, LaVerle Thomas, a-So.... ....Cedar Valley
Haddock, Albert I., fa-F......Beaver
Hadley, Oertel, e-J...................Ogden
Hadlock, Orlando, B., e-Sp., ss..... .... Ogden
Hadlock, Vern Bingham, e-J. Ogden
Hafen, Jane Loris, ap-F........Provo
Hafen, Lucile, ap-J........Santa Clara
Haggerty, Charles Edward, G......... ....Keyser, W. Va.
Hair, Elaine Doris, fa-J........Marion
Hair, Enid, e-F........................Marion
Hair, Vee Boyd, a-So................Vernal
Hakes, F. Russell, fa-S. Mesa, Ariz.
Hale, Gwen, ss................Oakley, Ida.
Hale, Quentin Solomon, a-So......... .... Oakley, Ida.
Hales, Beth G., c-So. Wash. D. C.
Hales, Cleo, fa-F................Springville
Hales, Delbert Ray, a-So................ ....Spanish Fork

Hales, Ruth Marene, c-Unm.................................Washington D. C.
Hales, Wilson, a-J., ss.................Provo
Hall, David Bingham, fa-J. Vernal
Hall, J. Clark, fa-J.......Minersville
Hall, Esther Catherine, e-S. Roosevelt
Hall, Freda, e-J., ss...................Vernal
Hall, Lela, ss..............................Vernal
Hall, Maurice Barker, ss. Santaquin
Hall, Maysie, ss.......................Vernal
Hall, Rex Pickett, ap-So. Burley, Ida.
Hall, Ruth L., e-So.................Payson
Hamblin, Burke, fa-F.................Heber
Hamblin, Frank Obed, ap-So. Murray
Hammond, Marion E., ap-S...Cowley, Wyo.
Hancock, Douglas Oren, a-F... Scarsdale, N. Y.
Hand, Roland, fa-F..............Benjamin
Hanks, Barbara, fa-S.......Burley, Ida.
Hanks, Elizabeth, e-J........Burley, Ida.
Hanks, Lincoln, a-F. Pasadena, Cal.
Hanks, Morgan, ap-Unm. Burley, Ida.
Hanks, Ray Eugene, c-J..........Provo
Hanks, Reed Taylor, a-F..Monrovia, Calif.
Hanna, Wallis Clenton, ap-F................................Charleston, S. C.
Hanseen, Marjorie, e-Unm.........Provo
Hansen, Alma W., G.................Provo
Hansen, A. Everett, ss.........Richfield
Hansen, Afton Allred, a-Sp. ss. Provo
Hanson, Annie, e-S.......Spanish Fork
Hansen, B. Lyle, a-S. Sheridan, Wyo.
Hansen, Bernard Chandler, fa-F.......................................Weiser, Ida.
Hansen, Betty Arlene, c-F.......................................Spanish Fork
Hansen, Blaine George, e-S.....................................Mt. Pleasant
Hansen, Cecil Ray, c-F. American Fork
Hansen, Dean H., ap-Unm. Boise, Ida
Hansen, Donnetta, R., a-So...Boise, Ida.
Hansen, Edward LeRoss, ss. Fairview
Hansen, Elmo, H., G. ss.........Nephi
Hansen, Esther, c-Unm................Provo
Hansen, Glade Ballard, fa-F.......................................Bear River
Hansen, Genevieve, a-J............Provo
Hansen, Ila, ap-So.........Lovell, Wyo.
Hansen, Lenore, e-F....................Delta
Hansen, Loree, e-F..............Glenwood
Hansen, Louise, a-So. Sheridan, Wyo.
Hansen, Matt Joseph, a-So.......................................Sheridan, Wyo.
Hansen, Olena Maxine, a-F....Provo
Hansen, Omar Milton, a-F.....Provo
Hanson, Parker G., e-J............Provo
Hansen, R. Eugene, ap-F..Lakeside, Ariz.
Hansen, Scott, c-F.................Richfield
Hansen, Sybil, e-J. Preston, Idaho
Hansen, Wilford Reeve, c-F. Monroe
Hansen, William E., e-S..............Orem

Hansen, Wyroa B., e-Sp............Provo
Hardner, Gertrude Lenora, fa-So...................................Milwaukee, Wis.
Harder, Marjorie Ruth, fa-F.................................... Milwaukee, Wis.
Harder, Ranee, e-J............Leamington
Harder, Virginia, G. Milwaukee, Wis.
Harding, Alene, c-Unm.................................Taber, Alberta, Canada
Harding, Dorothy Jean, fa-Sp. Provo
Harding, Fred, W., v-F............Provo
Harding, Verna V.., e-F..........Provo
Hardy, Dale A., a-F........Springville
Hardy, Edythe Ruth, v-So..Spanish Fork
Hardy, J. Kay, c-So..........Springville
Hardy, Kenneth Fred, a-F.. Spanish Fork
Harker, Mary, ap-F. Lewisville, Ida.
Harmer, Dorothy, ss...........Springville
Harmer, Floss,, ss..............Springville
Harmer, Vernon A., v-F. Springville
Harmon, Paul Lewis, c-J..........Provo
Harmon, Robert Kling, ap-F....Provo
Harper, Alta, ap-J........Oakley, Ida.
Harris, Dola, a-S............Lovell, Wyo.
Harris, Everal Dawn, e-J. Standardville
Harris, Jed Ashton, ap-F. Blanding
Harris, Joseph Leonard, e-Unm......................................Torrance, Calif.
Harris, Leah Dorothy, G...........Provo
Harris, Wildred, ap-J.................Provo
Harrison, Dan Bird, a-S............Provo
Harrison, Helen, c-Sp..................Provo
Harrison, Jack, ap-J.................Provo
Harrison, Stanford, G. Dawneg, Ida.
Harrison, Virl L. c-S..........Springville
Hart, Karl E., a-F.....................Ogden
Hart, Mary Lou, ap-J....New Castle
Hartley, Gwen, G.................Fairview
Harvey, Eugene Louise, a-So.................................. Pleasant Grove
Harvey, Richard Paul, ap-J...Pleasant Grove
Hashitani, Raymond A., c-J...Nyssa, Ore.
Haslam, Vern Hill,, fa-So. Lewiston
Hatch, Clifford LeRoy, a-J. Corrinne
Hatch, Ephraim Marlyn, ap-F., ss.. Provo
Hatch, Glenna, a-F...................Provo
Hatch, Noal K., e-S., ss........Provo
Hatch, Orvill, a-So............Panguitch
Hatch, Quinn Adelbert, a-F. Provo
Hatch, Verlin M., a-F. Spanish Fork
Hatton, Don, ss.........................Kanos
Hauser, Clyde H., a-So............Provo
Hawker, Afton, R., a-S....Grantsville
Hawker, Paul, ap-Sp.........Grantsville
Hawkes, Raymond H., c-So..Drummond, Ida.
Hawkins, Douglas Morgan, ss.......................................Ely, Nevada
Hawkins, William Byron. a-J.......................................La Grande, Ore.

Haws, Elwood G., c-S..............Provo
Haws, Gilbert Smith, a-S..........Provo
Haws, Ina Beryl, e-Unm..........Provo
Haws, J. C., ss.......................Escalante
Hayes, Alice, e-F............Grace, Ida.
Hayes, Ina Claire, c-F. Pleasant Grove
Hayes, Leith, e-S.......................Provo
Haymond, Howard Roland, c-J.... .... Springville
Haymore, Franklin Reynard, G. Provo
Heath, Helen, a-J........Salt Lake City
Heaton, Elma, ss.............Shelley, Ida.
Heaton, LaBerta, e-F............Draper
Hebertson, Keith M., a-F.......Provo
Hedquist, Dorothy V., fa-S. Provo
Heiner, H. Bartley, ss........Roosevelt
Henderson, Betty Ruth, c-F. Draper
Henderson, Carrie Mae, c-F............ ....Wilmington, N. C.
Henderson, Francis Marion, a-So..... ....Wilmington, N. C.
Henderson, Myrtle E. ss Salt Lake City
Heninger, Maurice King, a-J........ ....Raymond, Alberta, Canada
Hendrickson, Gail P., c-So. Glenwood
Henke, Theda June, fa-F...........Lehi
Henrie, James Richard, ap-So........ .... Marysvale
Henrie, Robert Garth, c-J. Richfield
Henrie, Valda, c-F.....................Provo
Henrikson, John Leslie, a-J............ ....Whiting, Ind.
Henroid, Charlotte Dale, ap-F. Provo
Hepworth, Grace, a-So.........Hinchley
Herbert, Esther B., ap-Unm. Manti
Herbert, Leo, G...........Douglas, Ariz.
Herbert, Mary, ss.......................Salina
Herbert, Raymond, S., ap-J. Manti
Heslop, Lamont Wm., ss................. ....Mountain View, Wyo.
Hess, Odean Lot, e-J. Brigham City
Hiatt, Louisa Gene, a-So..........Provo
Hiatt, Nola Marie, ap-J...........Payson
Hicken, Dan Reed, c-F..............Heber
Hickenlooper, Geneva, c-F.......Layton
Hickman, Nina Elaine, e-F............. ....Salt Lake City
Hickman, Rex L., a-So......Benjamin
Higginbotham, Robert Mack, fa-F. ....Oakdale, Calif.
Higginbotham, Ray, fa-F................ ....Modesto, Calif.
Higginbotham, William Andrew, a-J ....Salt Lake City
Higgs, Afton, G........Salt Lake City
Higgs, Naoma, ss.....Salt Lake City
High, Leroy Owen, evF. Cortez, Colo.
Hilgendorf, John, fa-Sp.ss..........Provo
Hill, Arden B., e-J...................Fayette
Hill, Coleen, e-J. St. Anthony, Ida.
Hill, Elizabeth, ap-J. Salt Lake City
Hill, George Richard, a-So............ ....Salt Lake City
Hill, Jean, c-So.....................Kaysville
Hill, Laurel Darpha, ss............Provo
Hill, Marian Julia, e-S............Ogden
Hill, Roy, c-So...........................Provo
Hillier, Herbert, c-Sp..............Ogden
Hills, Robert Amos, a-So..........Provo
Hilton, Eugene Savage, a-F............ ....Oakland, Calif.
Hilton, Frances, c-So. Pleasant Grove
Hilton, Joseph Donn, a-F............ ....Pleasant Grove
Hilton, Ross Cropper, e-F........Delta
Hinckley, Dean L., ss. Rexburg, Ida.
Hinckley, Elayne, e-J................Provo
Hinckley, Sylvia, a-S. Salt Lake City
Hinman, Edgar W., G.................... ....Cardston, Alberta, Canada
Hirschi, Barbara, e-J..........Hurricane
Hirst, Gladys, e-F.......................Provo
Hobbs, Gordon Lloyd, c-F.........Nephi
Hodgkinsen, Nina, ss...............Vernal
Hodgson, Roland, G. Newdale, Ida.
Hodson, Mae E., ss...................Provo
Hoffer, Samuel Earl, a-F.......Payson
Hogan, Eva, ss.......................Eureka
Hogan Lydia Peterson, ss......Provo
Hogan, Mareleen, ap-So........Eureka
Hogge, Donna Margaret, e-J. Eden
Hogge, Ive Mae, c-So................Eden
Hohmann, Fritz Carl, a-J.............. ....Glen Cove, New York
Holbrook, Helen, ss....................Provo
Holbrook, Leona, G. Salt Lake City
Holbrook, Vera, ap-S. ss........Provo
Holdaway, Dorothy, e-J............Heber
Holdayaw, Howard Walter, ap-F. .... Provo
Holindrake, Kathryn, c-So.............. ....American Fork
Holindrake, Harold Myron, ap-Unm. ....American Fork
Holladay, Clifton M., G....Santaquin
Holladay, Lucile, G...................Provo
Holland, Jena V. Clegg, G. Provo
Holland, Thelma Leoran, fa-J...... ....Glen's Ferry, Ida.
Holley, Irma, a-Sp.............Springville
Hollingshead, Golden, ss. Calinte, Nev
Hollingshead, Lillian, c-Sp.......Provo
Hollman, James William, c-J........ ....Twin Falls, Ida.
Hollman, LeeRue Syneva, fa-F.... .... Mapleton
Holly, Mack Hyrum, a-F. Mapleton
Holm, Floyd S., c-S. ss. Springville
Holman, John W. a-So..............Price
Holman, Lenny, ss........Manassa, Colo.
Holman, Mary, ss.....Manassa, Colo.
Holmgren, Clayne, a-P. Bear River
Holmstead, Jean Ellen, e-J............ ....American Fork
Holt, L. Bernice, ss................Midvale
Holt, Lois, ss..............Thornton, Ida.
Holt, Phyllis C. e-J.................Tooele
Homer, Josephine, fa-So ....Sellersville, Pennsylvania

Holyoak, George Albert, ap-J........Burley, Ida.
Holyoak, John L., Sp. ss. Burley, Ida.
Hoopes, Kenneth A. fa-J......Beaver
Hoover, Ruth, c-F......Provo
Hopkin, Robert Charles, ap-F........Lovell, Wyo.
Hopkin, Zona, e-So. Garland, Wyo.
Hopla, Cluff Earl, a-J......Mapleton
Horsley, Jean, e-F........Malad, Ida.
Hotchkiss, C. Edward, ap-J........Dearborn Mich.
Houston, Norma Naomi, fa-So........Whiterocks
Houston, Wallace Mat, a-J. Panguitch
Houtz, Charlotte Elizabeth, e-J. Provo
Houtz, Earl Royland, a-F........Provo
Howard, Elmo Orrs, c-So. Pine, Ariz.
Howard, Flora, ap-S........Huntington
Howard, Harriet, fa-F. Salt Lake City
Howard, Helen, c-So. Salt Lake City
Howard, Minnie, e-J........Nephi
Howe, Cruse Junior, fa-J........Provo
Howe, Mark Stewart, a-F........Provo
Howell, Darwin K. a-F........Provo
Hughes, Kenneth Grant, a-F........Spanish Fork
Hughes, Phil., a-J. ....Spanish Fork
Hughes, Ruth Frances, fa-S........Spanish Fork
Huish, Marjorie, c-So........Provo
Hull, Alvin C. Jr., G........Ogden
Hull, Robert Maughan, a-F........Whitney, Ida.
Hullinger, Orvel Milton, e-S. LePoint
Hansaker, Meda Abel, ss........American Fork
Hunt, Arthur S., ap-J.....Pine, Ariz.
Hunt, Burton Poulter, G. Pine, Ariz.
Hunt, Dale R. fa-F........Monroe
Hunt, Florian, fa-J........Buhl, Ida.
Hunt, Jefferson Ballard, e-S........Snowflake, Ariz.
Hunter, Duane James, ap-So........Bennington, Ida.
Hunter, H. Boyd, e-J. Oakley, Ida.
Hunter, Leah, c-F........Provo
Hunter, Lois, ss........Oakley, Ida
Hunter, Quentin Farr, a-J Oakley, Ida
Hunter, Velma, e-S........Ogden
Hunter, Wilma Gwendla, c-F ....Idaho Falls, Ida.
Huntington, June Bernice, c-F........Caliente, Nev.
Huntington, Mary, e-J......Springville
Hunton, R. Sherman, a-So........Rawlins, Wyo.
Hurst, Florence, ap-S. Sanderson, Tex.
Hurst, Harold, G. ....Ogden
Hurst, Margaret, fa-S......Panguitch
Hurst, Mildred June, c-J........Sanderson, Texas
Hutcheon, Lois Cleora, ap-F. Neola
Hutchings, Beth Mildred, ss........American Fork
Hutchings, Stanley Arthur, a-S........Midvale
Hutchings, Harold C. a-S........Lehi
Hvala, Louise, a-S....Salt Lake City
Hyatt, Melba G., ss........Castle Gate
Idle, Ermaleta M., ap-J, ss........Laramie, Wyo.
Imlay, LeRoy Clark, a-J. Grantsville
Imlay, Luetta, Sp. ss. ....Hurricane
Ineck, Roene A., e-F. Cokeville, Wyo.
Ipsen, Allen, c-J. Bennington, Ida.
Ipson, Reta Mae, a-So. Panguitch
Ipson, Ruby, fa-Sp........Junction
Irons, Timothy, a-So........Nephi
Irwin, Edwin Floyd, G. ss........Provo
Isaac, Russell J., c-F. Spanish Fork
Isaksen, Clara M. ap-J........Mountain View, Calif.
Iverson, Ivan Charles, G........Provo
Ivie, Ray Harding, c-F........Provo
Ivins, Anthony Hamblin, ap-J Provo
Ivin, Bertha H. ap-Sp........Provo
Ivins, Heber Grant, ap-F........Provo
Jackson, Ernest Hans, e-S. Teasdale
Jackson, George, a-So........Holden
Jackson, George Gee, a-So ....Salt Lake City
Jackson, Golda P., e-S......Teasdale
Jackson, Louise, ap-S. ss........Provo
Jackson, Rachel, e-So........Provo
Jacob, Calvin Keith, c-So........Provo
Jacob, Elmer Acred, a-F........Provo
Jacobe, William A., ss........Vernal
Jacobs, Helen Margaret, ss....Provo
Jacobs. Henry, a-F........Colonia Juarez, Chih, Mexico
Jacobson, Don Kieth, c-F. ....Tacoma, Washington
Jacobson, Evelyn, c-F........Provo
Jacobson, Grant Roscoe, a-F........Bancroft, Idaho
Jacobson, Keith Trotter, a-Unm ....Provo
Jacobson, Raymond Merlin, c-J Provo
Jager, Arden Wilford, fa-Unm. ....Woodcross
James, Don E. a-So........Fayette
Jameson. Joseph L., fa-Sp........Provo
Jameson, Que S., fa-F........Provo
Jameson, Ray Eugene, a-F......Provo
Jaroch, Harold Edward, e-J........Niles, Michigan
Jaroch, Phyllis Irene, fa-J........New Castle, Colo.
Jeffery, Lucile Thatcher, a-Sp. Delta
Jeffery, Rondo Nelden, ap-J. Delta
Jenkins, Burke Douglas, c-So. Provo
Jenkins, Hugo Ostler, ap-F........San Diego, California
Jennings, Charles Hastings, a-So. ....Lame Deer, Montana
Jennings, Mary Elida, e-J. Ephraim
Jensen, Allene, ss........Provo
Jensen, Ana Maurine, G........Ephraim
Jenson, Ardythe, c-F........Provo

Jensen, Betty Maurine, ss....Elsinore
Jensen, David Elden, c-F ....Richfield
Jensen, Donald Liman, ap-So..Neola
Jenson, Edwin A., ap-F..........Monroe
Jensen, Eleanor, ss., ...Monroe
Jensen, Elmo M. ap-J........Springville
Jensen, Eva Forbest, ss............Emery
Jensen, Florence H., ss............Provo
Jensen, Florence Mary, fa-S............Salt Lake City
Jensen, Jean Mosselle, ss....Huntsville
Jensen, Kenneth D., e-J......Mantua
Jensen, Laura Fae, c-F......Gunnison
Jensen, Lola, e-SEo....Pleasant Grove
Jensen Mae M., ss.................Elsinore
Jensen, Maida Thora, e-J........Manti
Jensen, Marjorie, c-F....................Sandy
Jensen, Marjorie Eva, e-S ....Salt Lake City
Jensen, Maure, Francell, ss...Ephraim
Jensen, Maurine, ss....Shelley, Idaho
Jensen, Max Lavern, a-F. Fairview
Jenson, Melvin A., a-F..........Monroe
Jensen, Merlin John, a-So.............. Winslow, Arizona
Jensen, Moroni, ss.................Redmond
Jenson, Nellie, e-J.....................Provo
Jensen, Phyllis Gene, fa-So. Mapleton
Jensen, Phyllis, fa-F.................Neola
Jensen, William Robert, a-So. Provo
Jensen, Roland Aaron, e-J. Mantua
Jensen, Ruby Lois, a-J. Mt. Pleasant
Jensen, Ruth, e-So....................Manti
Jensen, Vernon D., c-S. Preston, Ida.
Jensen, Ward J., ap-So. Castle Dale
Jensen, Warren Clyde, a-F. .... Monticello
Jensen, Zae Mary, ss............Ephraim
Jeppeson, Lillian, e-Sp. ss....Mantua
Jeppesen, Patience Clark, e-J ....St. Charles, Idaho
Jeppeson, Richard, fa-S., ss....Provo
Jess, Alan James, a-F.................Provo
Jex, Frank Bird, e-S. Salt Lake City
Johansen, Anna, ap-Unm ....Woolford, Alberta, Canada
Johanson, J. Glen, ap-Unm. Buhl, Ida
Johanson, Kenneth Gene, a-F........ Buhl, Idaho
Johansen, Oral Eugene, e-S .... Castle Dale
Johanson, Ross H., a-F. Buhl, Idaho
Johansen, Verl E., Sp., ss Mt. Pleasant
Johansen, Wesley J., e-S Mt. Pleasant
Johnson, Allan McClure, a-F. Provo
Johnson, Annie Richardson, ss. Provo
Johnson, Alton Maurice, e-S. Vernal
Johnson, Beatrice ap-Unm ....Barnwell, Alberta, Canada
Johnson, Bert, ss.....................Monroe
Johnson, Bessie, fa-Sp.............Provo
Johnson, Blaine Hart, G. Spanish Fork
Johnson, Bryce Grant, a-So. Holden
Johnson, Byron, ap-So................Delta
Johnson, Dale H., ap-So ....Pleasant Grove
Johnson, Eldred A., c-So........Vernal
Johnson, Ellis E., ss..................Manti
Johnson, Elwood J., ap-So......Provo
Johnson, Ernest Arthur, c-F. .... Hollis, N. Y.
Johnson, Ethel, ss..................Ephraim
Johnson, Eugene Edward, c-J. Ogden
Johnson, Fred D., a-S.................Provo
Johnson, Gwen, fa-J..............Richfield
Johnson, Gwenevere, c-So. Springville
Johnson, Harold Boyd, a-So......Lehi
Johnson, Harold Philo, a-F............ Spanish Fork
Johnson, Helen, e-Sp.........................Barnwell, Alberta Canada
Johnson, Helen Naomi, e-So. Provo
Johnson, J. Van, fa-S., ss.............Cowley, Wyo.
Johnson, Joyce, ap-F...............Holden
Johnson, Keithe, a-F.................Payson
Johnson, LeRoy B,.fa-F..........Provo
Johnson, Lloyd M., ap-J. ....Lakeside, Arizona
Johnson, Lois E., e-F........Springville
Johnson, Margaret, ss..............Provo
Johnson, Martha F., e-Sp.................Pleasant Grove
Johnson, Mary, fa-So..........Fillmore
Johnson, Max Brown, c-Sp.....Provo
Johnson, Mills McClellan, a-F. ......Barnwell, Alberta, Canada
Johnson, Milton Grant, ap-F....Provo
Johnson, Milton Ross, e-F .... Pleasant Grove
Johnson, Neldon Floyd, e-F. .... Pleasant Grove
Johnson, Neil, c-F.....................Payson
Johnson, Real LaVell, fa-J. Payson
Johnson, Phyllis, ss........Brigham City
Johnson, Ray, e-S............Leamington
Johnson, Ray, a-F........Spanish Fork
Johnson, Rex G., a-F. ....Santaquin
Johnson, Robert Garrett, fa-So....Mt. Harris, Colorado
Johnson, Roland, c-S. Spanish Fork
Johnson, Ross H., ss........Firth, Idaho
Johnson, Rulon H., a-J............Provo
Johnson, Sheldon C., c-So Huntington
Johnson, Theodore Augustus, ap-J. ss.........................Willows, California
Johnson, Wayne Kay, a-So.............Pleasant Grove
Johnson, Zola Anne, ap-Unm........Barnwell, Alberta, Canada
Jolley, Helen, sp-F. New Castle, Colo.
Jolley, Joseph Orlando, ss......Provo
Jones, A. Neldon, c-So.............Delta
Jones, Aaron Erwin, fa-J............Price
Jones, Bill Monte, ap-F..........Provo
Jones, Blanche, fa-J...................Provo
Jones, Carl Daniel, c-So ....Long Beach, California
Jones, Clelland Evan, a-F....Brigham

Jones, Darrel James, c-F......Payson
Jones, Ellen Susann, ss, Sanford, Colo
Jones, F. Dean, a-F..............Fairview
Jones, Ferron Robert, c-Unm....Provo
Jones, Florence Irene, ss..........Provo
Jones, Gwendolyn Ida, a-F. Gunnison
Jones, Harold Max, a-F........Payson
Jones, Harriet, e-F. ....Col. Dublan, Chih., Mexico
Jones, Josephine, fa-J......................Col. Dublan, Chih., Mexico
Jones, Karl Robert, fa-F.........Delta
Jones, E. LaVar, a-J. Billings, Mont.
Jones, LaVieve, ap-So.......................Roswell, New Mexico
Jones, Maurice, Albert, ss....Parowan
Jones, Paul L., e-S....Mesa, Arizona
Jones, Norma Naomi, a-Sp......Provo
Jones, Que Dee, c-So. Billings, Mont.
Jones, Samuel Reid, c-F. Springville
Jones, Saxon M., e-J...................Ioka
Jones, Virginia Dale, ap-F..........Ioka
Jones, William Clifford, a-So................ Baldwin, Long Island, N. Y.
Jordan, James Francis, ss.......................Mt. Pleasant
Jordon, Mary, a-So. Salt Lake City
Jorgensen, Dorothy, fa-J..........Price
Jorgensen, Glade, G....American Fork
Jorgensen, Richard R., c-So.........Price
Jorgensen, Ruth, e-F. ....Roosevelt
Jorgensen, Virgil, a-So American Fork
Joseph, Helen, fa-F................Beaver
Judd, Arthur C., ss......Burley, Idaho
Judd, Dona, ss........Pocatello, Idaho
Kama, Bertha Leilehua, ap-Unm.......................Honolulu, Hawaii
Kama, Odetta, a-Unm.......................Honolulu, Hawaii
Kane, Jack Howard, e-Unm.......................Wausau, Wisconsin
Kapple, Betty Lou, e-J............Payson
Kartchner, Fred Dixon, ss..........Provo
Kartchner, Mary Maurine, ss. Provo
Kartchner, Ray W., ss..............Provo
Kay, Artha, ap-F.......................Provo
Keele, Vern Warren, e-S. Spanish Fork
Keeler, Essie, ss...........................Provo
Keeler, Joseph Jensen, faS. ss. Provo
Keller, Halbert J., c-J..............Manti
Keller, Vivian, fa-J.....................Manti
Kelly, Cornelia C., a-S. ss........Provo
Kelley, Irving Berry, a-S.......................West Harwich, Mass.
Kelly, Robert Leland, a-F..Springville
Kempton, Howard William, ap-S.......................Payson
Kendall, Keith W., a-J. Salt Lake City
Kennington, Guineveve, ss. ....Afton, Wyoming
Kerby, Donna Maire..................Provo
Kerr, George Russell, ap-F.......................Los Angeles, California
Kesler, June Harriette, a-S.......................Glendale, California

Killian, Hazel, ap-Sp................Salina
Killian, Marjorie, a-So..............Salem
Killpack, Reese A., c-J............Ferron
Kimball, Gwen R., e-J..............Draper
Kimball, LeNeve M., a-Sp..........Provo
Kimball, C. Rodney, a-Sp., ss. Provo
Kimball, S. Heber, e-S............Vernal
Kimber, Afton H., e-J..............Provo
Kimber, Warren Gates, a-F......Provo
King, Lasca, e-F.....................Escalante
King, Ralph Virgil, a-F..........Kamas
King, Rhoda, a-So.....................Provo
Kinnaman, Dale H. Sp............Ogden
Kirk, Erva, a-J..........Pleasant Grove
Kirk, Katherine, ap-F Pleasant Grove
Kirkham, Bessie Janit, ss.........Provo
Kirkham, Dona Elaine, fa-F........Lehi
Kirkham, Elizabeth, fa-F. ....Salt Lake City
Kirkham, Mary, ap-S., ss..........Provo
Kirkham, Virginia, e-So. ....Santiquin
Kirkwood, Kay Bliss, c-Sp........Provo
Kitchen, J. Levi, co-J............Tridell
Klein, Donald Maurice, c-F.......................Dalton, Mass.
Klingler, Cora Genevieve, ap-J ....Rexburg, Idaho
Kloth, William James, c-S .... Huntington Park, California
Knaphus, Ned Donald, c-So. Richfield
Knight, Edith, ss. Mesquite, Nevada
Knight, Evelyn McBride, e-Sp. Provo
Knight, Hattie M., ss. Blackfoot, Ida.
Knight, Mac Jay,- Unm. (ap) Kamas
Knight, Milton R., e-J........Hinckley
Knight, Vilnah G., ss................Mona
Knight, Vandella H., ss.........Fairview
Knollmuller, Helen Rohrmoser, c-F.......................Salt Lake City
Knowlton, Sarah, e-So........Holladay
Knudsen, Donna, e-J..................Provo
Knudsen, Genevieve, ss................Lehi
Knudsen, Hilda L., G. ss..........Provo
Knudsen, A. Russell, a-J............Lehi
Knudsen, Leola, ss.....................Provo
Knudsen, Ruth, e-Jr......................Povor
Knudsen. Velva, ss.....................Provo
Kocherhands, Ivan Croft, a-Unm. .... Provo
Koffford, Don B., a-F........Castledale
Kopa, Lorraine M., e-Unm.......................Honolulu, Hawaii
Kotter, Gladys, ss...................Brigham
Kotter, Phil Earl, e-S............Ephraim
Koyle, Mildred Dorothes. c-Unm.......................Burley, Idaho
Koyle, Vee, J., ap-So..............Salem
Koyle, Wells Freeman, e-J.......................Burley, Idaho
Krebs, Elorn, ap-So..................Myton
Kruse, Byron Henry, e-F.................Hot Springs, South Dakota
Lake, Boyd Carroll, fa-J........Oakley
Lake, George M., a-So.......................El. Segundo, California

Lake, Helen Taylor, e-J. Coalville
Lambert, Carlyle Ballif, G.......Provo
Lambert, Helen, c-F. Jackson, Wyo.
Lambert, Maurice, G..................Provo
Lambert, Robert P., c-J. Burley, Ida.
Lambert, Ruth, a-F....................Provo
Lambson, Newell A., e-F....Springville
Lamoreaux, Leland, e-J. St. George
Landward, John, G. ss. Salt Lake City
Laney, Russell Judd, c-So. Springville
Laney, Theon, a-So............Springville
Larsen, Alice, e-S................Bountiful
Larson, Andrew K., ss..........Hurricane
Larson, Arvid D., e-Sp........Cleveland
Larson, Bertha Helen, e-F. Cleveland
Larsen, Boyd Joseph, a-S., ss Leni
Larsen, Clarice Vervene, ae-So. Lehi
Larsen, Dean Samuel, a-F Castle Dale
Larson, Devon, George, ap-F........ Gunnison
Larson, Don, c-S............Spanish Fork
Larsen, Don H., a-S...................Provo
Larsen, Donna B., e-So..........Hyrum
Larsen, Dorothy Durrant, a-S. Provo
Larsen, Geneva Day,ss..............Provo
Larsen, Henry A., e-S................Ferron
Larson, Ivalue Vera, e-J. Downey, Ida
Larson, J. LaMar, a-S............Gunnison
Larsen, Janice Lillian, c-F ....Spanish Fork
Larsen, Max Walter, fa-J. Monroe
Larsen, Martha Alice, Sp..................Pleasant Grove
Larsen, Nedra, fa-Sp................Provo
Larson, Preston, ss............St. George
Larsen, Seth Julius, a-Unm. Provo
Larsen, Thelma Maurine, e-J.........Mt. Pleasant
Larsen, Virgil Maeser, a-F............ Echo, Nevada
Larsen, Virginia Jane, ap-F. Provo
Latimer, Beth Anne, a-F. Springville
Lauritzen, Donald Eugene, a-F ......Victor, Idaho
Lavin, Sam, ap-J.......................Ogden
Lawlor, Francis Earl, a-S., ss........Picture Butte, Alberta Canada
Lawrence, James Harold, c-Sp........Salt Lake City
Laws, Elroy D., c-J.....................Provo
Laws, L. Kenneth, c-J..............Provo
Lay, Beth, e-So......................Richfield
Laycock, Harold R., G. ss. Provo
Laycock, Ralph George, G. fa-J. ....Lethbridge, Alberta Canada
Laycock, Lois, G. ....Provo
Layton, Lucile H., e-S..............Layton
Leak, Irene, a-J.......................Midvale
Leavitt, Donna, a-F.........Afton, Wyo.
Leavitt, Edna M., ss. Mesquite, Nev.
Leavitt, Hafen, Weir, e-S. ss.........Mesquite, Nevada
Leavitt, Max V., c-So. ....Los Vegas, Nevada
Leavitt, Viola, a-J......................Delta
LeBaron, Arthur Bentley, c-J........Barnwall, Alberta, Canada
LeBaron, Pearl Naomi, ap-Unm.....Barnwall, Alberta, Canada
LeBaron, Owen Donald, a-Sp....... Barnwell, Alberta, Can.
LeBeau, Ina LaVar, e-S......Roosevelt
Lee, Arthur H., ss..................Monroe
Lee, Dwight, e-So.....................Malta
Lee, Glen L., ss....................Panguitch
Lee, Gordon Gayle, e-F...................American Fork
Lee, Harold W., G.....................Provo
Lee, Joe Clegg, fa-F............Tooele
Lee, Joyce, e-F................Spanish Fork
Lee, Lorine, a-Sp......................Provo
Lee, Peggy Ann, ap-F..........Milford
LeFevre, Reginald, e-J..........Midvale
Leffler, J. Ross, ss...................Kamas
Lefler, Ramona, c-F.................Kamas
Lemon, Karl A., ap-J. ss............Ioka
Lemon, Mae, fa-F.....................Ferron
Lemon, Nathaniel, e-J......St. George
Lenz, Emil Hermann, ss..........Provo
Leonard, Ferris Clark, c-So. .... Huntington
Leonard, Rodney Boyd, G.........Ogden
Leonard, Ronald J., ...Huntington
Lester, Richard Joseph, a-F............Rochester, N. Y.
LeSueur, Bo Jean, c-F. Mesa, Ariz.
LeSueur, Louise, ss ....Provo
LeSueur, Oma, ss ....Mesa, Ariz.
Letham, Dan J., e-S........Tetonia, Ida.
Levedahl, Blain Hess, a-J......Ogden
Levi, Milbert, e-Sp., ss...................American Falls, Idaho
Levi, Wesley Earl, ss......................American Falls, Idaho
Lewis, Ben Elden, c-S. Salt Lake City
Lewis, Gail Z., ap-So. Mesa, Arizona
Lewis, Gene, ap-Sp.....................Provo
Lewis, George L., fa-So. Preston, Ida.
Lewis, H. LeGrande, G.............Provo
Lewis, James W., a-So........Roosevelt
Lewis, Joy D., ap-So..................Kamas
Lewis, Julie Beth, fa-F. Spanish Fork
Lichfield, Elaine, a-F Salt Lake City
Liddiard, Gerald Eugene, a-Sp. Provo
Liechty, Carrol, a-J............Springville
Liechty, Grace Sarah, e-So.....Provo
Liechty, Ida, ss...........................Provo
Liechty, W. Reinwald, a-J........Provo
Lindley, Carl A., fa-S................Provo
Lindsay, Areva, ss............Heber City
Lindsay, Charlotte, c-S. Phoenix, Ariz
Lindsay, Melvin Grant, ap-So........Phoenix, Arizona
Lindsay, Katherine, a-P ....Salt Lake City
Lindstrom, Alice Matilda, a-J........Roberts, Idaho
Linebaugh, Kayle, e-So....................Pleasant Grove
Lines, John LeVar, ss...Duncan, Ariz.

Linge, Robert Walter, a-F ....Las Vegas, Nevada
Liston, Myrth Elizabeth, ap-F. Provo
Livingston, Lillias, e-J..............Manti
Lofgreen, Paul E., a-F..........Birdseye
Long, Jesse E., a-So..................Provo
Longhurst, Herman Lester, e-F.... ....Pocatello, Idaho
Loosli, Dwight Wilson, e-J. ....Driggs, Idaho
Losee, W. E., e-Sp....................Provo
Lott, Adelbert Snow, a-So............ .... Huntington
Lott, Jex Gardner, ap-F. Springville
Lott, Wilson C., a-F.....................Lehi
Love, William Smoot, a-F........Provo
Loveland, Ardel H., a-F..............Yost
Loveland, Don C., a-Unm...........Yost
Loveland, Shirley, c-F. Nampa, Ida.
Loveless, Austin G., a-So. Copperton
Loveless, Janice, c-F..................Provo
Lovell, LaForge A., e-S. Leamington
Low, Gwendolyn Helen, fa-Unm.... ....East Calgary, Canada
Lowry, Rulon Wood, ss.................... ....Taylorsville, Alberta, Canada
Lublin, Reda, e-So..............Roosevelt
Ludlow, Bert Jones, c-S. Spanish Fork
Ludlow, Charles Max, a-J. Benjamin
Ludlow, Dean Jones, ap-F. ....Spanish Fork
Ludlow, Serena, c-J.........Spanish Fork
Luke, Lincoln Leroy, e-F. Orangeville
Lund, Ella Oriole, ss. Rigby Idaho
Lund, Halbert Thomas, c-F. Modena
Lund, Lela Orpha, ss........St. George
Lund, Vernon, c-J.........Mt. Pleasant
Lundell, Russell T., a-So. Benjamin
Lundgren, Dorothy, e-F..........Monroe
Lundquist, Stephen, Jr., ss........Ogden
Lunt, Helen, c-J.................Cedar City
Lusty, Barbara, ap-F........Duschesne
Lusty, Lois Eliabeth, e-So. Duschesne
Luthy, Kay J., ss........Preston. Idaho
Lybbert, Bernice, e-F.................Vernal
Lybbert, Lois, e-So...................Vernal
Lynn, Gerald O., a-J. Lovell, Wyo.
Mabey, Sarah, c-J................Bountiful
Macforlane, Geraldine fa-J...... ....Pleasant Grove
Macfarlane, Hubert, ss............Ogden
Macfarlane, Menies James, ap-F ....Pleasant Grove
Mackay, LaVelle, e-J..............Murray
MacKay, Lincoln Clyde. a-F....Provo
Mackley, Eldon S., e-F......Mapleton
Madsen, Beulah, fa-J............Riverton
Madsen, Bud Ledren, a-So......Provo
Madsen, Loa, Sp., ss.................Provo
Madsen, Eva, e-Sp.......................Provo
Madsen, Evan A., a-Sp. ....Thatcher, Arizona
Madsen, Farrell, ss......................Provo
Madsen, Gladys, ap-So...............Provo
Madsen, Marian, e-J................Manti
Madsen, Parley William, a-J. Provo
Madsen, Ted Eugene, c-J. Fairview
Madsen, Stella, c-Unm..............Provo
Magleby, Charles Calvin, c-F Monroe
Magleby, Maurice Alma, c-F Monroe
Magleby, Zola Amanda, e-F Monroe
Makin, Nell Rose, c-Sp.............Provo
Manes, Bruce McLeod, a-Unm..... ....Los Angeles, California
Manes, Dane Otis, c-F.................... ....Los Angeles, California
Mangum, William Lester, c-J. Provo
Mansfield, Mathew, c-J.......Gunnison
Manson, Garth W., a-Unm......Provo
Manwaring, A. Everett, a-J. Vernal
Manwaring, Helen, c-J. Rexburg, Ida.
Marchant, A. Jay, ap-F...............Peoa
Marchant, Linnie, a-F...................loka
Margetts, Barbara Anne, c-F.......... ....Salt Lake City
Markham, Lynn Carlos, G............. ....Spanish Fork
Marking, Gerald Anthony, e-F........ .... Edgemont, South Dakota
Marler, Betty. fa-F. Independence Mo
Marriott, Helen Rosemarie, a-S.... .... Ogden
Marriotti, Sam Edward, fa-F....Provo
Marsden, Florence, e-J........Parowan
Marshall, John Taylor, a-So. ss. Provo
Marshall, Vivian Merie, a-So........ ....Calgary, Alberta, Canada
Martin. Arvella. e-So. Evanston, Wyo.
Martin, Flora Helen. a-S................ ....Ronan. Montana
Martin, Grace Whitehead. e-Sp Provo
Martin, Josiah, Bernard, a-So........ ....Salem, Ohio
Martin, Thomas Paxman, a-J. Provo
Mason, Lorraine, e-So............Aurora
Mason, Mary Phyllis, e-F.............Lehi
Mason, Una Loy, ap-F...........Provo
Massey, Winona B., e-So........Jensen
Mathews, Lester. ap-F Panaca, Nev.
Mathews Loa Clair. fa-S............... ....Pocatello. Idaho
Mathews. Sybil LaRue, fa-S. ss.... ....Pocatello Idaho
Matson, Rex C., c-F....Mt. Pleasant
Mavrakis, Sam Harry, e-So............ ....Sheridan, Wyoming
Maxwell, Sarah Grace, ap-So........ ....Salt Lake City
Maxwell, Virginia Louise, e-So Peoa
Mayer, Clifford, e-Sp ss.................. ....Fountain Green
Maynard, Kenneth Henry, e-J........ .... Riverton
McAffee Boyd Harman, e-S........... ....Salt Lake City
McAffee Dan B., ss Salt Lake City
McAllister. Dorothy, G Spanish Fork
McAnulty, Dale, ss........................... .... Conchas Dam, New Mexico

McAnulty, John Harold, ss..............................Las Vegas, New Mexico
McArthur, Irvin, a-J.........St. George
McBride, Nellie Mae, fa-So.....................................Twin Falls, Idaho
McCarrey, Marian, c-F Salt Lake City
McCallum, Jim Bernard, a-So.......................................Salt Lake City
McClellan, Elvon Louis, fa-Sp Payson
McConachie, Nancy, faJ..........Provo
McConkie, Don L., G. ss..........Vernal
McConkie, Faye, c-F ....Santa Maria, California
McConkie, Ruth, ap-J.................Moab
McDonald, Isabelle Ruth, a-F.......................................Salt Lake City
McCune, Ruth, c-Sp...................Ogden
McDonald, Ann L., ss.................Moab
McDougal, Delmer Wesley, ap-F....................Campbellsport Wisconsin
McDougal, James Larin, ss Wallsburg
McDougal, Gilbert A., e-J............................Campbellsport Wisconsin
McGlone, Kathryn Jean, a-F..Spanish Fork
McGregor, Mary, G......................Provo
McGuire, Erma, e-Unm.............Provo
McIntire, Junius M., a-S..........Provo
McIntosh, Edwin J., a-Unm...Mt. Pleasant
McKee, Lynn Curtis, a-J..........Vernal
McKell, Arthur N., c-S Spanish Fork
McKell, June B., c-F Spanish Fork
McKell, Mark Allen, c-S Spanish Fork
McKell, William E., c-So........Payson
McKnight, James, c-J Moreland, Ida.
McKnight, Kent Howell, a-So....................................Moreland, Idaho
McKnight, Neil H., G Moreland, Ida.
McMullin, Carolyn, a-S..........Payson
McNeill, Affra, a-J American Fork
McOmber, Calvin Delos Jr., a-S.....................................Pocatello, Idaho
McOmber, George Emerson, a-S.....................................Pocatello, Idaho
McRae, Joseph Pratt, a-F ....Bisbee, Arizona
Mecham, Dee S., c-J............Wallsburg
Mecham, Lorna, a-S, ss............Provo
Meeks, Ida Beth, evF Pleasant Grove
Meeks, Margaret, a-S............Bicknell
Meeks, Romania, ss..............Bicknell
Mellor, Faun, e-J.....................Fayette
Mellor, Lila, ap-So...................Fayette
Mellor, Merrill Paul, apSo Fayette
Memmott, Louise, ap-F............Scipio
Memmott, Thos Kemner, ss Scipio
Mendenhall, Beth, a-So, ss Springville
Mendenhall, Max D., G..........Provo
Mendenhall, Dean, c-So............Provo
Mendenhall, Richard Byron, a-So.. Payson
Menzies, Lois, a-So.....................Provo
Mercer, John Winston, a-o .... Oakley, Ida.
Merkley, Calvin G., ss .... Magrath, Alberta, Can.
Merkley, LeNore, ap-F............Tridell
Merrill, Alton, G., ss.................Provo
Merrill, Beth, c-F..........Preston, Ida.
Merrill, Betty Jane, ap-So .... Washington, D. C.
Merrill, Edna J., fa-Sp............Provvo
Merrill, Eliza D., e-Sp, ss..........Provo
Merrill, Julia, a-F..............Smithfield
Merrill, Keith Whiley, a-So .... San Francisco, Calif.
Merrill, Marjorie, e-S..........Richmond
Merrill, Roy S., ss......Pleasant Grove
Merrill, Ruby, c-P.......................Provo
Merrell, Russell Glen, a-S........Payson
Mickelson, Lydia Vilate, ss.. Afton, Wyo.
Mikkelsen, Duane Soren, a-F..Provo
Mildenhall, Ruthe, e-Sp............Provo
Miles, Douglas Coy, e-F .... Baker, Oregon
Miles, Maxine, c-F...................Kamas
Miller, A. Woodruff, G. .... St. Anthony, Ida.
Miller, Aleera Elizabeth, ap-Sp .... Provo
Miller, Alma Glen, e-J .... Magrath, Alberta, Can.
Miller, Beatrice, e-S...................Layton
Miller, Bert Homer, c-F............Provo
Miller, Bonnie Gene, c-F.........Vernal
Miller, Della Snell, ss..............Layton
Miller, Dorothy, ap-F, ss............Provo
Miller, Grace F., c-Sp ....Magrath, Alberta, Can.
Miller, Keith D., c-So .... American Fork
Miller, Lowell S., a-S, ss............Provo
Miller, Ruth Diana, a-So, ss......Provo
Miller, Wm. Welmer, e-S, ss......................... Claresholm, Alberta, Can.
Miller, William Elbert, c-S........Provo
Milligan, Margaret Ruth, fa-So.......................... Clayton, New Mexico
Milner, Emma Lou, a-Sp ....Provo
Mills, Gayland Ranson, e-F .... Pocatello, Ida.
Mills, J. Ray, e-J.........Pleasant Grove
Mills, Mary, e-So......Pleasant Grove
Milner, Leon Ross, a-F..............Provo
Miner, Faye, e-F........................Salem
Miner, Leah, c-J.....................Fairview
Miner, Mary, a-J.. Chestnut Hill, Penn.
Miner, Neva Beth, a-F .... Provo
Miner, Thais, c-J....................... Provo
Mitchell, Arlene, e-J.................Hooper
Mitchell, Virginia May, ap-F .... American Fork
Mitcheill, Wayne Elmo, fa-F .... Duchesne
Moats, Donald Wayne, c-F .... Waynesborough, Penn.
Modeen, Lucille, e-So..........Gunnison

Moffett, Benjamin, Henando, ap-J .... Duncan, Ariz.
Moffett, Joseph, ss ....Duncan, Ariz.
Moffitt, Maurine, fa-So............Provo
Moffitt, Mayna, a-J...................Provo
Mank, Myrtle B., ss......Spanish Fork
Monk, Wells G., ss........Spanish Fork
Monson, A. Bardell, c-S .... Pleasant Grove
Monson, Ramona, fa-F .... Pleasant Grove
Monson, Winona, fa-F .... Pleasant Grove
Montgomery, Frances, c-F .... Heber
Montgomery, Lecia Elaine, e-S.... .... Heber
Montgomery, Victor Ray, ap-J..Provo
Moody, Dalores Dalby, ss .... Superior, Ariz.
Moody, Madge, a-So..............Milford
Moody, Marjorie, e-F.................Delta
Moody, Virginia a-So.................Delta
Moon, Emily, ap-Sp.................Hanna
Moore, John Hayes, c-So .... Spanish Fork
Moore, Lorraine Wallace, G. .... Springville
Moore, Mary, ss .... Upper Monticello, N. J.
Moorefield, Robert Sutton, a-J...... .... Provo
Moran, Tim, c-So..........Spanish Fork
Morgan, Kenneth Donald, a-F .... Milford, Mass.
Marrell, Hattie, ss............Hyde Park
Morrell, Katherine, fa-S..........Ogden
Morrill, Horace LeRoy, ap-J....Tridell
Morrill, Shirl Peter, c-So........Junction
Morris, Rachel B., ss .... Springdell, Provo Canyon
Mortensen, Alire, e-F.................Provo
Mortensen, Harry, B., ss......Cleveland
Mortensen, Muriel Mae, e-J .... Cleveland
Mortensen, Phyllis, ss............Ephraim
Morton, Ermel Joseph, G..........Provo
Morton, Leora, ap-So.................Provo
Moss, Ira E., ss .... Woodruff
Moss, Ruth Wheeler .... Murray
Moulton, Garda Gay, e-F............Delta
Moulton, Wendell Leavitt, a-F .... Delta
Mower, Cleo, c-F.................. Fairview
Mower, Ila, ap-So, ss............Fairview
Mower, Marvin L., fa-J........Fairview
Muhlestein, Florence, e-F ....Provo
Muhlestein, Sterling Ree, e-Sp..Provo
Muhlestein, Wanda, c-Sp..........Provo
Mulleneaux, Wesley Grant, e-F .... Safford, Ariz.
Muhvhill, John J., ss....Mc Gill, Nev.
Munk, Dorothy Elizabeth, e-So .... Howell
Munk, Mariner Donald, a-F....Howell
Munk, Orpha, ss .... Manti
Munson, Pratt Moraill, a-So.......... Escalante
Murdock, Dick, c-F .... Provo
Murdock, Elaine, e-J..Blackfoot, Ida.
Murdock, Robert Scott, ap-F....Heber
Murray, Chas, Larry, a-F........Jensen
Murphy, Drucilla, e-F..............Apalco
Murri, Maeda Alice, e-J .... St. Anthony, Ida.
Murry, Mark Hanna, G, ss........Provo
Myers, Edna, c-Unm .... Provo
Myers, Ethelyn May, e-J............Provo
Myers, Garth Gardner, a-F .... American Fork
Myers, Thomas Gay, a-So .... Las Vegas, Nev.
Myers, Linda, c-F....Las Vegas, Nev.
Myrup, Edna, a-J .... Bountiful
Naegle, Rosalie, c-F..................Provo
Naegle, Vervene Ione, e-S .... Toquerville
Nalder William Love, c-So .... Raymond, Alberta, Can.
Nance, LuDema, G, ss .... Idaho Falls, Ida.
Nance, Stephen M., a-So........Kaysille
Nash, June, e-J............................Provo
Naylor, Beth Elaine, e-F............Provo
Neal, John, fa-F.......................Ogden
Nebeker, Hal A., ap-F........Annabella
Neilsen, Mary, e-F......................Mona
Nelson, Bill Jacob, c-F ....Heber
Nelson, Dwaine Eugene, a-F .... Dietrich, Ida...
Nelson, F. DelMar, ap-Sp .... Pleasant Grove
Nelson, Dorothy Jane, ss .... Downey, Ida.
Nelson, Earl Worthen, G......Rexburg
Nelson, Evan Guy, ss.................Ferron
Nelson, George Hugh, a-F........Heber
Nelson, Gertrude, ss........Oakley, Ida.
Nelson, Gladys S., e-Sp, ss .... Spanish Fork
Nelson, Helen Louise, c-F .... Springville
Nelson, Ivan William, c-F, ss..Provo
Nelson, Jerry, ap-F..Bronxville, N. Y.
Nelson, Lucile, fa-F.....................Provo
Nelson, Lynn A., c-J.................Provo
Nelson, Marion, ss..............Springville
Nelson, Mary Jeane, a-F .... Montpelier, Ida.
Nelson, Milton, ss...................... Provo
Nelson, Loa, a-So..........Spanish Fork
Nelson, Lois, ap-J......Pocatello, Ida.
Nelson, Lucille, fa-F.................Provo
Nelson, Max E., fa-F..............Genola
Nelson, Morris Edmond, c-J .... Phoenix, Ariz.
Nelson, Paul R., a-So............Morgan
Nelson, Ray Conder, a-S................ .... American Fork
Nelson, Roscoe Maughn, Sp......Logan

Nelson, Rulon H., ss .... Spanish Fork
Nelson, Sterling Reid, a-F .... Spanish Fork
Nelson, Thelma Marie, a-F .... Spanish Fork
Nelson, Wilford O., a-F .... American Fork
Nelson, Willia G., ss....Rexburg, Ida.
Nelson, Winifred, ss..................Ferron
Nelson, Wyla, a-Sp..................Provo
Neves, LaVerle, e-F....Pleasant Grove
Newell, Jack Smoot, e-.................... S..Spanish Fork
Newell, Jane Alice, e-Sp............Provo
Newell, Ross Morris, fa-So .... Spanish Fork
Newitt, Blanche, c-F....Spanish Fork
Newren, Alfred Leon, a-J........Provo
Newren, Lothield Young, a-So..Provo
Newton, Beth Chrystal, c-So..Monroe
Newton, Sammy N., a-S........Monroe
Nicholes, DeViril Sidney, c-So .... American Fork
Nicholes, Eleanor Louise, ss......Provo
Nicholes, Max Moeser, ss........Provo
Nicholes, Maxine, ss .... Rexburg, Ida.
Nicholes, Paul Scott, ap-S........Provo
Nicholes, Ruth, e-So..................Provo
Nickerson, Mary, a-Sp............Provo
Nickerson, Sarah, ss..........Grantsville
Nielsen, Chloris, c-F..................Sandy
Nielson, Delta, ss ....Fairview
Nielson, Earl Alvin, a-F......Springville
Nielson, Earl Lamarre, ss......Altonah
Nielsen, Harold Kalmar, a-So..Provo
Nielsen, Harry Stanley, e-J......Salina
Nielson, Henry, a-F............Marysvale
Nielson, Ida Eleanor, e-J .... Mt. Pleasant
Nielson, Ione, ap-So............Mapleton
Nielsen, J. Grant, c-S........Springville
Nielson, Jay, e-So................Mapleton
Nielsen, James Emeal, c-S........Salina
Nielsen, Jean, e-S....................Hyrum
Nielson, Joseph A., a-J....Marysvale
Nielsen, Joyce, e-Sp................Hyrum
Nielson, Sara LaNeeda, a-F ....Marysvale..
Nielsen, Leo J., a-F........Shelley, Ida.
Nielson, Norman F., ap-F..Blanding
Nielsen, Olive Marie, c-So .... Spanish Fork
Nielson, Otis P., ss ....Fairview
Nielsen, Richard Lee, e-J..........Salina
Nielsen, Ross, e-J..................Fairview
Nielson, Ross, ss........Pleasant Grove
Nielson, Ross, Taylor c-S....Richfield
Nielson, Russell W., e-So .... Pleasant Grove
Nielsen, Ruth, c-F .... Idaho Falls, Ida
Nielsen, Soren J., ap-F........Riverton

Nielsen, Violet Eleanor, ap-So .... Spanish Fork
Nilsen, Reed Elfin, e-F..............Provo
Nisson, Antone W., G....Washington
Nisson, Quentin Alexander, e-J .... Washington
Nisonger, Max William, G .... Deer Creek
Nixon, Grace Lea, fa-J..............Provo
Noble, Louise, ap-F........Rupert, Ida.
Norberg, Lester Marcus, ss..........Lehi
Nordgren, Quentin R., fa-So..Monroe
Norris, Cleve B., e-S..........Randolph
Norris, W. Lynn, e-J............Randolph
Norton, Roy Alonzo, e-S, ss..Murray
Nosack, Franklin Keith, fa-S.................... Murray
Nostrom, Burce Webb, fa-F........Lehi
Nowers, Esta, ap-F .... Beaver
Noyes, Junius H., a-Unm .... American Fork
Nuttall, Dianna, fa-F................Provo
Nystrom, Jeanne Taylor, a-So .... Salt Lake City
Oaks, Carol Verda, a-So, ss......Provo
Oberhansley, Jack R., c-So .... Spanish Fork
Okelberry, Doris, a-F................Goshen
Oldham, Fern, e-J..........Mt. Pleasant
Oldroyd, Irvin P., Sp...Fountain Green
Oldroyd, Jay W., a-S, ss..........Venice
Oldroyd, Milan Todd, a-S..Glenwood
Oldroy, Una, e-J........................Venice
Oleson, Deon H., ap-J..............Payson
Ollerton, Dick, fa-F..................Provo
Ollerton, Marion, c-F ....Provo
Olson, Alan B., a-Sp .... Newman, Grove, Neb.
Olsen, Berg Albert, fa-Unm .... Spanish Fork
Olson, Boyd E., c-J.............. Fairview
Olsen, C. J., ap-Sp ....Ogden
Olson, Cleo Fern, c-F..........Fairview
Olsen, Dean L, ap-J..................Provo
Olsen, Edith, c-So........Salt Lake City
Olsen, Earl Clarence, c-So .... Spanish Fork
Olsen, Eldred C., c-So.............. Provo
Olsen, Enid, c-So.................. Fayette
Olsen, Ethella, fa-Sp .... Provo
Olsen, Garn J., ss..............Spring City
Olsen, Harold Lyle, e-F.............. Price
Olsen, Harry A., c-J................Magna
Olsen, J. Lee, Sp............Preston, Nev.
Olsen, H. Lowell, G..................Provo
Olsen, Joseph William, a-So .... Springville
Olson, Lorin A., a-F..................Provo
Olsen, Marion, ss .... Provo
Olsen, Matthias Cowley, c-So .... Springville
Olson, Maxine, a-F .... Provo
Olsen, Peggy, e-F ....Monroe
Olsen, Ralph Reed, c-So.......... Provo
Olson, Rees, fa-J......................Payson

Olsen, Vera Madge, ap-J .... Kimberly, Ida.
Olson, Wanda, a-F .... Provo
Ostlund, Althea L., ss .... Sterling, Alberta, Can.
Openshaw, Nyles, ap-F......Santaquin
Orchard, Merle P., a-So .... Twin Falls, Ida.
Orr, Robert Wesley, e-F .... Pocatello, Ida.
Orrock, A. LeOra, a-Unm .... Pioche, Nevada
Orser, W. Dee, c-J.......... Roosevelt
Osguthorpe, Ivan Russel, a-F .... Salt Lake City
Ossmen, Elvin Howarth, c-So .... Rigby, Ida.
Ostler, Orval LaMar, a-F .... Spring Canyon
Ostlund, Raymond Eugene, c-J .... Lethbridge, Alberta, Can.
Oswald, Dale, c-S .... Idaho Falls, Ida.
Oswald, Delbert Leo, G .... Lamar, Colorado
Oswald, Lois T., a-Sp .... Salt Lake City
Overly, Don Cornwell, e-J..........Provo
Oveson, Canway H., ss......Huntington
Oveson, Keith, a-So..........Ferron
Oveson, Melvin Jarvis, a-So .... St. Johns, Ariz.
Oveson, Maroni, ss ....Ferron
Owens, John Hermon, c-Unm .... Hoybrook, Ariz.
Owen, Frank, c-Sp....K..........enilworth
Pace, Clarence E., ss..........Coalville
Pace, Kathryn, a-S, ss..........Provo
Pace, LaBell, fa-F..........Hoytsville
Pace, Levi L., a-F .... Provo
Pack, A. Boyd, ap-S ....Kamas
Pack, Mera, c-Sp ....Provo
Packham, Don Everett, a-F .... Fairfield, Ida.
Padon, Dorothy Claire, c-F .... Salt Lake City
Page, Dora Eileen, ss ....Goshen
Page, Florence, a-J ....Payson
Page, Mary, a-F..........Payso
Painter, Fern Myrtle, c-F..........Eureka
Palfreyman, Hazel, ap-F..........Provo
Palmer, Ada LaPriel, c-So .... Preston, Ida.
Palmer, Camille, ap-J .... Lethbridge, Alberta, Can.
Palmer, Estella, c-F .... Kirtland, New Mex.
Palmer, James Richard, c-F .... Grantsville
Palmer, John Wilson, c-So .... Grantsville
Palmer, Marjorie, e-So.. ....Ogden
Paradiso, John Anthony, a-F .... Milford, Mass.
Pardoe, Thomas Earl, a-F..........Provo
Parduhn, Don W.; e-F .... American Fork
Park, Helen, ap-F.......... Provo
Parke, June, ap-So..........Kamas
Parker, Beth, ap-Unm......Ruth, Nev.
Parker, Hulda, c-F .... Draper
Parker, Iris, a-J..........Joseph
Parker, Leona Maxine, ap-F......Provo
Parker, Melba, c-F..........Burley, Ida.
Parker, Olive, e-So, ss..........Draper
Parker, Reed, a-F .... American Fork
Parkes, Flora Louise, ss ....Nephi
Parkinson, Ted J., a-F .... St. Anthony, Ida.
Parrish, Beth, e-J..........Peterson
Parrish, Wilma, ss .... Myton
Passey, Garth William, c-F .... Magrath, Alberta, Can.
Passey, Margaret, a-So..........Provo
Patten, Boyd G., a-F..........Payson
Patten, Frank Ernest, ss..........Elberta
Pattee, Ida, ap-J..........Rexburg
Paulsen, Lloyd Dee, a-J..........Ephraim
Paxman, Annie, fa-Sp..........Provo
Pay, Clarence H., ss..........Nephi
Payne, Edith, ap-So..........Provo
Payne, Raynal, ap-So..El Paso, Tex
Payne, Roy Arnold, c-J .... Duncan, Ariz.
Paystrup, Clarence Enoch, e-F.... Levan
Peacock, Morris, ss..........Orangeville
Peay, Robert Elton, a-F..........Provo
Peck, Lorenzo Dean, fa-Sp..........Provo
Peck, Louie Rae, fa-F .... Salt Lake City
Pedersen, Emily A., e-Sp .... Pleasant Grove
Pedersen, Wanda, fa-F....Tremonton
Perry, Betty, c-So .... Salt Lake City
Pendleton, Leola, fa-So..Lovell, Wyo.
Penrod, Venice, ap-Sp..........Provo
Percival, Lucile, c-Sp..........Ioka
Perkins, Glenna, a-F .... Salt Lake City
Perkins, Harold C., c-F......Kaysville
Perkins, John Junior, a-F..........Payson
Perlman, Philip, c-So..........Provo
Perry, Clair Larsen, ap-Unm. .... Springville
Perry, Helen, e-F...... Salt Lake City
Perry, Leo, a-So..........Provo
Perry, Miriam C., fa-Sp ....Provo
Perry, Nihla, Marie, fa-So......Vernal
Perry, Norma, e-F..........Salt Lake City
Perry, Rolland, G. .... Provo
Perry, Thomas Clarence, c-J .... Kalispell, Mont.
Persson, c-F .... Payson
Peters, Paul, a-So.......... Brigham
Peterson, Anna Marie, c-F..Richfield
Peterson, Bettie Pearl, e-So....Provo
Peterson, C. Ray, ss..........Burley, Ida.

Peterson, Clair L., fa-F........Fairview
Peterson, Cornelius G, ss........Ephraim
Peterson, Elayne, c-F..................Provo
Peterson, Elden Jay, a-So .... Mt. Pleasant
Peterson, Elwood L., ap-F, ss .... Lakeside, Ariz.
Peterson, Gene C., ap-F......Gunnison
Peterson, Jay Heber, a-F .... Spanish Fork
Peterson, Jesse Gordon, c-S .... Pleasant Grove
Peterson, John, a-F.................. Provo
Peterson, John Ray, e-F.......... Provo
Peterson, Kendall Rex, e-F .... Oakley, Wyo.
Peterson, LaNora, c-J....Spanish Fork
Peterson, Laurel, e-S .... Flagstaff, Ariz.
Peterson, Laurieen, ss ....Oasis
Peterson, Lenna, fa-F........Mesa, Ariz.
Peterson, Lorna, ss.................Boulder
Peterson, Louise Bennion, e-J .... Salt Lake City
Peterson, Marland, e-F.............Boulder
Peterson, Mary Deane, e-J.. Salt Lake City
Petersen, Mary Levonnie, a-J .... Preston, Ida.
Petersen, Monte J., c-F...............Provo
Peterson, Ophelia Orlene, fa-S .... Salmon, Ida.
Peterson, Oran, Lewellyn, fa-F .... Santaquin
Peterson, Paul A, ss.............Ephraim
Peterson, Phil L., a-F........Richfield
Peterson, Raymond F., ss.......................................Spanish Fork
Peterson, L. Richard, c-So......Provo
Peterson, Viola, ap-F Grace, Idaho
Peterson, Wendell LaMoine, ap-F..Grace, Idaho
Petty, Glenn C., fa-F, ss...............Grand Junction, Colorado
Petty, Wesley George, a-S........Rains
Philippi, Ada, ss..............................Lehi
Phillips, Dean Brickner,..ap-So..Provo
Phillips, Edward LeRoy, a-F..American Fork
Phillips, Ella May, ss Dayton, Idaho
Phillips, Margaret, fa-Sp..........Provo
Phillips, Stanley C., e-So..Dayton, Idaho
Pickett, Glenna, e-J............Gunnison
Pierce, Byron W., a-S Spanish Fork
Pierce, E. Claire, e-J Salt Lake City
Pierpont, Mildred Anna, c-S, ss.. Provo
Pitcher, Callis H., ap-S .... Cardston, Alberta, Canada
Pitchforth, Shirl Harry, c-J .... St. George
Pitt, Earl W., ss....Tetton City, Ida.
Pixton, Betty Louise, fa-F.. Burley, Idaho

Platt, William E., a-F Safford, Ariz.
Plumlee, Don Eugene, c-J ....Mt. Pleasant
Poglagen, William Jos, e-F Columbia
Pohlman, Catherine Mary, e-So..Hollister, Idaho
Pohlman, Rhoda May, Hollister, Ida.
Poll, Ruth Marie, c-So Ft. Worth, Tex
Pond, Bernice Fagg, ap-Sp..Fairfield, Idaho
Pond, Glennis, ap-So Fairfield, Ida.
Poole, J. Rulon, a-So Menan, Idaho
Pool, Robert Fraim, a-So, Dallas, Tex
Porter, Don LeGrand, c-J Orderville
Porter, Kenneth Winder, fa-So.. Monroe
Porter, Luana, c-F.......................Provo
Potasnik, William, a-So Whiting, Ida.
Poulson, Ardis, ss..........................Provo
Poulson, Enid, e-S ss.............Richfield
Poulson, George Brown, a-F....Provo
Poulson, Gwendolyn, e-So Richfield
Poulson, Helen Estelle, a-J......Provo
Poulson, Lorna Ann, Sp......Richfield
Poulson, Vennae Elizabeth, a-F..Salt Lake City
Powell, Erma, c-F.......................Payson
Powell, Esther Ann, ap-F..........Levan
Powell, Grant David, a-So....Murray
Powell, Reed Madsen, a-F........Provo
Powell, Verner Max, e-S ss....Provo
Powelson, Stanley B., e-B......Goshen
Powelson, Thomas Bert, e-So Goshen
Powelson, Vera Viola, e-F Byron, Wyo
Pratt, Dana R., e-J......................Delta
Pratt, Glenn Cropper, c-J..........Nephi
Pratt, Thomas Knight, e-S..St. George
Preston, Betty Jane, fa-F.. Denver, Colorado
Price, Marjorie, a-So Phoenix, Ariz.
Price, Robert A., a-J Phoenix, Ariz.
Price, Zetella, ap--F American Fork
Pringle, George Earnest, c-F ....Oakley, Wyoming
Proctor, Annie Carol, ss Spanish Fork
Prusse, William David, c-So......Provo
Purdy, William Earl, G Oakley, Wyo.
Purrance, Tom, c-.............Vivian Park
Puzey, Garland Wm., ss Tremonton
Pyott, Betty, fa-So Salt Lake City
Pyott, Lucimae, fa-F Salt Lake City
Pyott, Marie, ap-S Salt Lake City
Pyper, Bernice, G........Salt Lake City
Quist, Dora Eleanor, faUnm ....Calgary, Alberta, Canada
Quist, John Boyce, G..................Provo
Rabe, Fred S., ap-J....................Ogden
Radmall, Della Naomi, ap-F ....Pleasant Grove
Raile, Richard B., a-F................Provo
Rajek, Edgar David, a-So Merrill, Wis
Randall, Alaine, a-So Idaho Falls, Ida
Randall, Eldon H., a-J Pine, Arizona

Randall, Elizabeth, a-So .... Joseph City, Arizona
Rappleye, Foster Drew, ap-Unm .... Twin Falls, Idaho
Rasmussen, Cannon D., e-J Monticello
Rasmussen, Crystal, ss........Ferron
Rasmussen, Dorthea, a-F........Provo
Rasmussen, Elden U., a-J Fairview
Rasmussen, Ida Mae, c1Unm .... Pleasant Grove
Rasmussen, Katherine, e-J, ss........ Mt. Pleasant
Rasmusson, Kendall, c-F........Provo
Rasmussen, Miriam, ap-S........Provo
Rasmussen, Parley Philip, ap-So........ Spring City
Rasmussen, Phyllis Lavelle, e-So .... Spring City
Rasmussen, Robert L., a-J........ Mt. Pleasant
Rasmussen, William K., c-So, ss .... Provo
Ratcliffe, Helen, e-J........Provo
Rawlings, George Barney, a-F Provo
Rawlins, Maxine, a-F........Praper
Rawlinson, Lewis M., e-J........Delta
Rawlinson, Loren, ss........Park City
Ray, Evans Green, c-So........Ogden
Ream, Helen, ap-J........Dingle, Ida.
Rebentisch, Hamilton Smoot, c-S ss .... Provo
Rebentisch, Merinda, ss ....Ovid, Ida.
Rebentisch, Ruth Lundquist, a-Sp ss .... Provo
Reber, Leanard, ss Mesquite, Nev-
Redd, Anna P., a-Sp........Provo
Redd, James Prince, a-F........Provo
Redd, William Smellie, a-So .... Reymond, Alberta, Canada
Redmand, Edna, ss........Eureka
Redd, Wayne F., a-F Hastings, Nebr.
Rees, Clifton Arthurs, ss....Richfield
Reese, Hamit Darwin, a-S........Provo
Reese, Jean, fa-F........Provo
Reese, Richard D., c-So........Provo
Reesha, Joseph Abe, c-F........Provo
Reeve, Olive Snow, ss........Provo
Reeve, Wayne L., a-J Brigham City
Reeve, William Smith, c-J........Ogden
Reid, Howard Tennant, fa-S....Manti
Reid, Margaret, ap-S........Magna
Reid, Ray Lorenzo, G.... St. George
Reimschiissel, Ernest F., ap-S ss .... American Fork
Reimschiissel, George, fa-So .... American Fork
Rex, Barbara, ap-S........Randolph
Rex, Dale Brough, a-F........Randolph
Reynolds, Mark Albert, fa-So ....rovo
Rhodes, Beulah, c-So........Provo
Rhodes, Don Walter, a-F........ American Fork
Rhodes, Maxine, a-F........Provo
Rice, Clarence Cleone, e-So........ Brigham City
Rice, Leonard William, a-J........ Clifton, Idaho
Rice, Stella P., G, ss........Provo
Rich, Naomi, G ....Provo
Richan, Henrietta, ss........Provo
Richards, Beth, ss....Montpelier, Ida.
Richards, Kenneth F., G........Ogden
Richards, Merilyn, fa-F .... Pleasant Grove
Richards, Nancy Jane, c-So........ Salt Lake City
Richardson, Effie L-O Brigham City
Richardson, Irene Beth, a-S Provo
Richardson, Irma, ss Brigham City
Richardson, Faye Anita, c-Unm Provo
Richens, Clifton William, ap-F .... Vernal
Richins, M. Myrlene, a-S Burley, Ida.
Ricks, Artel, fa-So .... Huntington Park California
Ricks, Eldin, e-J .... Huntington Park, California
Ricks, Helen Elma, c-F Grovont, Wyo.
Ricks, Lavell, fa-S........ Huntington Park, California
Ridge, Alfred Junior, a-Sp........Provo
Rigby, Audrey, a-S ss Bancroft, Ida.
Rigby, Cleston B., e-Sp ss ....Provo
Rigby, Florence P., ss........ Heber City
Rigby, Wendell M., Heber........ City
Riggs, Maurine, c-S........Gunnison
Risko Eugene Raymond, c-So Sandy
Robbie, Murvidd Leota, ss........Provo
Robbins, Marjorie, fa-J........Price
Roberts, Lucilla Margaret, ss........ Spanish Fork
Robertson, Glen H., a-F .... Pleasant Grove
Robertson, James Allen, G........ Spanish Fork
Robertson, Jay Wesley, a-J........ Gilmer, Texas
Robertson, Merle Davis, fa-J........ Devon, Montana
Robins, Kenith Rand, e-S........Delta
Robbins, Marjorie, fa-J Brigham City
Robins, Rhea, e-F........Scipio
Robinson, Arva, ss........Oakley, Idaho
Robinson, D. Owen. ap-J ss .... Col. Dublan, Chih, Mexico
Robinson, David Earl, c-So .... Bayside, Long Island N. Y.
Robinson, Jay Leo, fa-F .... Salt Lake City
Robinson, Jerald. ss .... Col. Dublan, Chih, Mexico
Robinson, Kenneth John, fa-F .... American Fork
Robinson, Whilden, a-So Boise, Ida.
Robison, Betty Jane, a-F........Provo
Robins, Beulah A., ap-So........Provo
Robins, George S., a-F........Provo
Robison, Hal, a-J........Fillmore
Robins, Jene, ap-F........Fillmore
Robison, Joseph Smoot, ss........Lehi

Robins, Lenore, e-So Overton, Nevada
Robison, Mildred, e-F................Delta
Robison, Rolf, ap-F................Fillmore
Rodeback, Harold Winn, fa-Sp Lehi
Rogers, L. Flake, e-J Snowflake, Ariz.
Rogers, Lehi S., ap-So Snowflake, Ariz
Rogers, Marion Roscoe, c-F............ ....Snowflake, Arizona
Rogers, Marjorie, a-F..............Morgan
Rogers, Milton David, a-So Blanding
Rogers, Ofie J, ss.......................Kanosh
Rogers, Pauline, a-J..............Morgan
Rogers, Robison, Max, a-S Morgan
Rolfe, Merl R., e-So..............Oakley
Rolfson, Howard Dean, a-S............ ....Raymond, Alberta, Canada
Rolfson, Verl Phillips, ap-So........ ....Raymond, Alberta, Canada
Rollins, Carl Wesley, e-F ....Green River, Wyoming
Rollins, Lloyd Vincent, a-F ss Provo
Rollins, Ruth, ss Lyman, Wyoming
Romeril, Durell Nelson, a-J ....Raymond, Alberta, Canada
Romney, Merlin Miller, a-So....Provo
Romney, Milton Alvin, a-F............ ....Col. Juarez, Chih., Mexico
Romney, Rulon, fa-S ....Col. Juarez, Chih., Mexico
Romney, Wayne L., c-F ....Col. Juarez, Chih., Mexico
Ronnow, Eleanor E., a-F Panaca, Nev.
Roper, Betty Mae, ap-So ss Provo
Roper, Carmen Ann, e-F........Fayette
Roper, Morrie L., fa-F............Vernal
Rosenkrantz, Alene Mary, c-F...... ....Salt Lake City
Rosenvall, E. Leo, a-F..............Aurora
Ross, Faye Rose, e-S....................... ....Fargo, North Dakota
Ross, Fern Louise, ap-S ....Fargo, North Dakota
Ross, Floyd, ap-S..............Duschesne
Rossean, Helen, a-J........Lyme, Conn.
Rowan, Elliot Noble, ap-J......Provo
Rowe, Lewis E., G ss................Provo
Rowe, Marie Williams, a-F........Provo
Rowe, Minnie ss..........................Provo
Rowland, Hannah, ss ....Springville
Rowland, Ruth, a-F...................Provo
Rowland, Ted A., c-So....Springville
Roylance, Fred H., c-J Springville
Roylance, Kaye Rautin, fa-F.......... .... Salt Lake City
Rowley, Geo. A., Sp. ss ....Helper
Rowley, Herman Melvin ss......Provo
Roylance, Lucille, ss..........Springville
Rudelich, Tony Bob, e-J Winton, Wyo
Ruff, George Robert, e-J ss....Provo
Russell, Easton, c-F...................Provo
Rust, Blanche, fa-Sp................Provo
Rust, Quentin, a-F.....................Provo
Sadler, Floy Kartchner..............Sandy
Salazar, Mary Phoebe, c-F............ ....Salt Lake City
Salisbury, Claude Joseph, c-F........ .... Springville
Salisbury, David E., c-J............Nephi
Salisbury, Edward, a-F..............Provo
Samuelson, Donna, fa-So Bountiful
Sanders, Beth Violet, e-S................ ....Aromas, California
Sanders, Hart K., c-So Centerfield
Sanders, Mae Flora, e-So................ ....Aromas, California
Sanders, Norma Coe, c-F Malta, Ida.
Sanderson, Ivan LaVon, fa-F Draper
Sanderson, Luzon, e-J ss Fairview
Sanderson, Edward A., G..........Provo
Sardoni, Lawrence, ss...................... .... Grand Junction, Colorado
Savage, Robert Richard, c-F.......... ....Whiting, Indiana
Savage, Valentine, c-F..........Junction
Sawaya, George, c-Sp.................Provo
Sawley, Rae Oman, a-Unm........Price
Sayer, LaMar, a-So Idaho Falls, Ida.
Sayer, J. Robert, c-S Idaho Falls, Ida.
Sayer, Stanley, c-F........Iona, Idaho
Scheibner, Paul Edward, fa-F...... ....Parsons, Kansas
Schmiett, Stanley Wallace, a-So.... .... Midvale
Schmutz, Ray Snow, c-J St. George
Schmutz, Stanley M., G St. George
Schoenau, Doraine Eldona, c-Unm ....Preston, Ontario, Canada
Schofield, Arlin Rawlings, ap-S ss .... Provo
Schofield, Ted Theodore, a-F....Provo
Schofield, Virginia, c-So Hiko, Nev.
Schow, Alvin J., c-So......McCall, Ida.
Schow, Dan, fa-J...................Brigham
Schwieder, A. W., ss ....Iona, Idaho
Scott, Geo. C. ss ....American Fork
Scott, Gordon, Boyd, ap-J............ .... Fayette, Idaho
Scott Geo. C, Jr., e-Sp American Fork
Scott, Hollis, fa-F ....Fayette, Idaho
Scott, Zella Isabelle, e-F................ ....Webb City, Oklahoma
Scott, Richard Neal, c-F..........Provo
Seaman, Helen, e-S............St. George
Searle, Don, a-J............Spanish Fork
Searle, Lester W., ss Spanish Fork
Searle, Lynn Scott, e-S Spanish Fork
Seastrand, Vivian Mildred, fa-F.... ....American Fork
Seegmiller, Robert, ap-J......Richfield
Seegmiller, William Garth, e-So. ....Denver, Colorado
Selck, William A., a-F...............Provo
Selin. Edith, ss.....................Benjamin
Sessions, Lena Marion, faSo............ ....Chinook, Montana
Sessions, Rosamonde, ap-S........Provo
Shafer, William Lester, a-J............ ....Cardston, Alberta, Canada
Sharp, Lyle, c-F...........................Provo
Sharp, G. Ariel, G.......................Provo

Sharp, Mary Josephine, ap-Unm ....LeRoy, Wyoming
Sharp, Max Wm., ss..........Lehi
Sharp, Merrill J., a-J Inkom, Idaho
Sharp, Nearah, ss .... Barborville, West Virginia
Sharpe, Philip, a-So....Wells, Nevada
Sharp, Winnie H., ap-F Inkom, Ida.
Shaw, Edith Parkinson, ap-Sp Provo
Shaw, Jack Eldon, a-F..........Nephi
Shawcroft, Bonnie, fa-F LaJara, Colo.
Sheffield, Kenneth, ss ....Kaysville
Sheffield, Lucile Beck, ...Kaysville
Shelburne, Ronald Barker, a-J...... .... Greeley, Colorado
Shelley, David Edward, c-F..........Ht. Pleasant
Shelley, Jay Frederick, a-So.......... Kingman, Arizona
Shepherd, Charles R., ss Afton, Wyo.
Shepherd, Edith F., ss Afton, Wyo.
Sheranian, Ruth, fa-F..........Beverly Hills, California
Shields, Elden B., fa-J..........Shaughnessy, Alberta, Canada
Shields, Morris D., ap-S ss..........Shaughnessy, Alberta, Canada
Shields, Ralph, e-J..........Arcadia
Shiozaki, Jungi, ap-So..........Levan
Shiozowa, Kenji, ss ....Rigby, Idaho
Shipley, Wesley H., e-F........Oak City
Shipman, Edward ss..........Provo
Shipman, Robert, a-J..........Provo
Shipman, Parl, a-So..........Provo
Shipp, May, ap-F........Salt Lake City
Shippee, Allen, ap-So Spanish Fork
Shreeve, Grant Hamblin, a-F........St. Johns, Arizona
Shupe, Retha, ss ....Colonia Juarez, Chih, Mexico
Shurtliff, Don W., c-Sp..........Provo
Simkins, Fern, e-F..........Springville
Simmons, Bette Louise, c-F........Provo
Simmons, Christa Ann, ap-J..........Spanish Fork
Simmons, Geraldine, e-F..........Spanish Fork
Simmons, Glenn, G..........Provo
Simmons, Gloria, a-F..........Provo
Simmons, Paul A., c-F..........Manti
Singleton, Garth, c-S..........Eureka
Skeem, Elayne, ap-S..........Oasis
Skeem, Raymond, a-J....Buhl, Idaho
Skidmore, Richard Henry, c-J........Sugar City, Ida.
Skinner, Bernell M., fa-F..........Spanish Fork
Skinner, Clara Moore, e-F.......... Spanish Fork
Skipworth, Ernest Milbourn, c-S ....Hillsprings, Alberta, Canada
Skousen, Mary Joanne, c-F..........Chandler, Ariz.
Skousen, Murr Eldred, ap-J ....Chandler, Arizona

Skov, Bunde, G ss..........Provo
Slack, Merlin J., c-J..........Provo
Slack, Paul Holt, fa-F..........Provo
Slick, Emma Anne, fa-F..........Provo
Smart, Helene, Estelle, ap-S..........Salt Lake City
Smart, Henriette Neff, ss........Provo
Smart, Max Neff, G..........Provo
Smart, Nettie N., G..........Provo
Smart, Phyllis, fa-So........Springville
Smeath, George Hillier, G ss Provo
Smeath, Mary Hawken, ss ....Provo
Smith, A. Kyle, a-So..........Provo
Smith, Arthur Willis, fa-F Roosevelt
Smith, B. Kenneth, a-F ....Torrey
Smith, B. Orser, c-F..........Vernal
Smith, David W., fa-So..........Murray
Smith, Dicksie, a-So..........Provo
Smith, Don Hyrum, a-So..........Provo
Smith, Donna, e-F..........Kenilworth
Smith, Earl Ledra, c-F ....Snowflake, Arizona
Smith, Elaine, e-So American Fork
Smith, Fern Eyring, Sp Pleasant Grove
Smith, George Reynolds, c-So ....Salt Lake City
Smith, Irene, ss..........Preston, Idaho
Smith, Jack Vernon, a-J..........Alpine
Smith, Kenneth A., a-J Preston, Ida.
Smith, L. Evans, e-So..........Provo
Smith. Lela B., ap-J..........Provo
Smith, Marvin, E., c-J ss..........Provo
Smith, Maurice Edward, c-So.......... ....Denver Colorado
Smith, O. Kim. fa-S..........Provo
Smith, Oliver Rollin, G ss..........Provo
Smith, Ora Ann e-S ss Pleasant Grove
Smith, Paul Bob, c-F Safford, Ariz.
Smith, J. Reed, a-F..........Torrey
Smith, Rowe, ap-J..........Bridgeland
Smith, Ruth, a-F..........Provo
Smith, Ruth, a-F Santa Monica, Cal.
Smith, Sylvester, Glenn, a-So..........Salt Lake City
Smith, Thales Sessions, ap-So..........Greybull, Wyoming
Smith, Veon G., a-J..........Provo
Smith, Wilford Emery, a-F....Holladay
Smith, Willard DeLoy, a-Unm..........Cardston, Alberta, Canada
Smith, William Albert, Sp ss Heber
Smoot, Edward Earl, c-So..........Provo
Smoot, Samuel Parkinson, c-So Provo
Smoot, Seth E., a-S ss..........Provo
Snarr, Alvin Glen, ap-J..........Murray
Snarr, Berneice, ap-F....Salt Lake City
Snarr, L. Glen, a-So..........Provo
Snedaker, Donald Leroy, a-S..........Thornton, Idaho
Snell, LaRue, a-........Byron, Wyoming
Snell, Mary Ann, a-F...... St. George
Snow, Bulah Ellen, ss....Castle Gate
Snow, Edward Donald, a-So......Provo
Snow, K. Anthony, c-So..........Provo
Snow, Ray B., a-J..........Provo

Snow, Shipley Mc., a-F............Provo
Snyder, Evelyn, c-So..................Provo
Snyder, William Morgan, c-So.................................Spanish Fork
Soderborg, Bessie Lloyd, c-F.............................Salt Lake City
Soffe, Wayne, G........................Provo
Sohn, Rex LeRoy, ap-So Burley, Ida.
Sorenson, Avonell, e-F Ruth Nevada
Sorenson, Beth, e-F............Glenwood
Sorensen, Donna L, c-F Mt. Pleasant
Sorenson, Eris Merlene, c-F Axtell
Sorensen, George Alden, a-F Draper
Sorenson, Inger, c-Unm............Provo
Sorenson, LaBerta McGregor, G.............................Cane Beds, Arizona
Sorensen, Lewis W., e-Sp ss Redmond
Sorensen, Linda Carol, fa-F Draper
Sorenson, Lynn Elmer, a-F Fairview
Sorensen, Margaret, e-So Richfield
Sorensen, Myron Parley, a-F.................................Malad, Idaho
Sorenson, Moyal George, c-F Axtell
Sorenson, Orvill Eli, fa-F ....Fairview
Sorenson, Paul Wayne, e-J Ephraim
Sorensen, Peirce, a-F....Malad, Idaho
Sorensen, Ruby F., e-Sp........Eureka
Sorenson, Sam Anders, G..........Provo
Sorenson, Voyle, fa-So............Aurora
Sorenson, Wayne Leslie, e-S.................................Salt Lake City
Sorensen, Wilson, W., ap1S..Draper
Soulier, Glen Earl, ap-So..........Provo
Sowards, Clifford H., c-Sp........Provo
Sowards, Ethelyn, a-So..............Provo
Spackman, Linda, c-F................Provo
Spafford, Willis, a-F............Annabella
Spalding, Beth Edith, a-F..........Provo
Speckart, Jess R., c-J................Provo
Speckart, Mary Josephine, ap-F Provo
Spence, James, a-F........Dines, Wyo.
Spence, William, a-So....Dines, Wyo.
Spencer, Hazel Lorene, ap-S.................................Malad, Idaho
Spencer, Joseph Walter, a-F.................................Malad, Idaho
Spencer, Louise, ap-F..........Escalante
Spencer, Lucile, ss............Paris, Idaho
Spencer, Ray Arden, a-S............Provo
Spencer, Thelma, e-F..........Escalante
Speros, Peter J., a-S Bingham, Can.
Spilsbury, Elaine Elizabeth, c-F ....Mesa, Arizona
Spilsbury, Erwin Roswell, ss.................................Preston, Idaho
Springer, Lowell Franklin, a-F Midway
Squire, Spencer, ss .... Manti
Stagg, John, ss.........................Vernal
Stalker, Frank Douglas, ap-Unm.................................Missoula, Montana
Standage, Dixie, fa-F Mesa, Arizona
Stander, Ruby A, ss ....Logan
Stanger, Ben, ap-F....Preston, Idaho
Stanger, William Steele, c-So.................................Iona, Idaho
Stanley, John Gruwell, c-So.................................Pocatello, Idaho
Stanley, Lois Helen, fa-F........Heber
Stansfield, Russell Neil, Mt. Pleasant
Stanton, Nona Rae, fa-So Grace, Ida.
Staples, Fay, c-F.......................Kanosh
Stapley, Betty Jean, c-So ....Phoenix, Arizona
Starley, Ruth, e-J.......................Delta
Startup, Larry Walter, c-So......Provo
Stayner, Gloria, e-So Malad, Idaho
Stebbins, Rodney Frank, a-F................................. Springville
Steele, Ellis Jesse, ss................Midway
Steele, Ray, ss......................... Goshen
Steineckert, Dean, fa-J..........Provo
Stephens, Eugene C., fa-J........Provo
Stephens, Eugene C., c-S ....Bayside, N. Y.
Stephens, Homer Fayette, a-So ....Bayside, N. Y.
Stephens, Melba, c-F................Provo
Stephens, Miland R., a-Sp ss Ogden
Stephens, Rand, c-Sp..................Provo
Sterling, Ruth, ap-F......Spanish Fork
Stevens, Duella Opal, fa-F......Provo
Stevens, Florence, ss ..El Paso, Tex
Stevens, Inez Ruth, fa-S .... Barnwell, Alberta, Can.
Stevens, Naomi, a-So, ss............Oasis
Stevens, Rozilla, e-J..............Fillmore
Stevens, Velma Ona, c-F................................. El Paso, Tex.
Stevens, Velyn Baylles, ss ....Provo
Stevens, William A., ss..El Paso, Tex.
Stewart, Betty Anne, a-So......Ogden
Stewart, Daryl Aldene, ap-F......Provo
Stewart, Donna Lucille, c-F....Provo
Stewart, LaRon D., a-S .... Calgary, Alberta, Can.
Stewart, Mayda Mathilda, fa-So................................. Salt Lake City
Stewart, Vonda Harris, ss ....Provo
Stimpson, Edith Bee, e-S.......... Provo
Stock, Francis Earl, ap-So ....Waterflow, New Mex.
Stoddard, Henry Nibley, c-S .... LeGrande, Oregon
Stoddard, Jean Howell, fa-F .... LeGrane, Oregon
Stokes, Wayne Packer, a-F .... Twin Falls, Ida.
Stokes, Beatrice E., fa-Unm .... 4 Pleasant Grove
Stolworthy, Cleo, c-J .... Kirtland, New Mex.
Stolworthy, W. Rowdon, a-S .... Blackfoot, Ida.
Stone, Armanell Nancy, e-F....Salem
Stone, Arvil G., e-So..................Provo
Stone, Chester, fa-J..................Salem
Stone, John E., c-So..................Provo
Stone, Richard Sawley, a-Sp......Provo
Stone, Stanley, c-So ....Salem
Storrs, Betha, ss. . . . American Fork

Stosich, Flora, e-J .... Idaho Falls, Ida.
Stott, Edgar Keith, c-So .... Gouglas, Arizona
Stott, Joseph Lynde, a-S .... Douglas, Arizona
Stout, Ruth, e-J .... Moab
Stowell, Mary Irene, a-S .... Rexburg, Ida.
Strasburg, Mae, e-J .... Lehi
Strate, Neva, fa-J .... Provo
Strate, Sterling J., a-J .... Provo
Stratmen, Ellen L., ss .... Price
Stratton, Franklin K., a-F .... Provo
Stratton, Marvin Vance, c-So.... Provo
Stratton, Oliver R., a-S...... St. George
Strebel, George L., ss.......... Panguitch
Street, Louise, e-So .... Provo
Strickland, Mary Marguerite, c-So .... Norfolk, Virginia
Strickley, Dora Jane, fa-J........ Provo
Stringfellow, N. Darrell, c-J .... Provo
Stringham, Irving Ray, a-So.... Vernal
Stromberg, Ruth Clark, fa-J .... Grantsville
Strong, Jack Edison, a-F............ Provo
Strong, Jimmy Doyle, fa-So.... Provo
Strong, Lucille, e-So.......... Springville
Strong, Robert P., e-So............ Provo
Strong, Thornton John, a-So.... Alpine
Stuart, Alma LeMar, e-S.... Woodruff
Stuart, Elinor Susan, ss .... Ogden
Stubbs, Joseph Fred, ap-F...... Provo
Stucki, Franklin Stewart, c-So.. Delta
Stucki, Virgil, fa-S .... Delta
Stum, Robert Wilson, a-So........ Provo
Stutz, Howard Coombs, ap-S .... Cardston, Alberta, Can.
Styler, Arlyn J., c-J .... Oasis
Styler, Lucille, ap-J .... Oasis
Sudweeks, Clinton Wilford, c-So .... Kimberly, Idaho
Sullivan, Annie E., e-Sp .... Eureka
Summerhays, Margaret, G .... Salt Lake City
Summers, Janet Ruth, a-So .... Sacramento, Calif.
Sumner, Bob. Collins, c-So........ Provo
Sumner, Wilma Kay, fa-F .... Rexburg, Ida.
Sunderland, Ileen, e-J .... Lehi
Sundwall, C. Arthur, ss .... Fairview
Sundwall, Robert, ss.............. Fairview
Sundwall, Virginia, fa-J........ Fairview
Sutherland, Frank, ap-So............ Provo
Sutherland, Orlene Speckart, ap-So .... Provo
Svedin, Della Nadine, e-F .... Deeth, Nev.
Swain, R. Jordan, c-J .... Belle Fourche, S. Dak.
Swalberg, Ralph J., a-J.. Spanish Fork
Swapp, Wylie, e-F.... Las Vegas, Nev.
Swenson, Araidne, e-J .... Salt Lake City
Swenson, David Whitmer, fa-So .... Logan
Swenson, Floyd, a-So.... Spanish Fork
Swenson, John Lewis, ap-J........ Provo
Swenson, Laura Walker, e-S .... Pleasant Grove
Swensen, Kay W., c-So .... Pleasant Grove
Swensen, Maxine, a-So .... San Francisco, Calif.
Swenson, Richard D., c-S .... Provo
Swenson, Richard Merrill, ap-So, ss .... Pleasant Grove
Swenson, Sara Katherine, fa-So .... Spanish Fork
Swenson, Shirl H., fa-S.. Spanish Fork
Sylvester, Robert Herman, c-So .... Richfield
Taggart, Kay, ap-J........ Cowley, Wyo.
Talmage, Henry Gardner, c-So .... Washington, D. C.
Tangren, Hallie, e-J .... Provo
Tanner, Betty, c-So .... Provo
Tanner, Carol, a-S, ss.............. Provo
Tanner, Champ Bean, ap-So...... Provo
Tanner, Gloria, ap-So .... Provo
Tanner, Orea B, ss .... Provo
Tanner, Sylvan K., a-F............ Payson
Tate, Helen, e-So .... Tooele
Taylor, Allen Clement, c-F .... Spanish Fork
Taylor, Anna L., ss .... Overton, Nevada
Taylor, Apollos B., G .... Provo
Taylor, Candace Hunt, e-Unm .... Roosevelt
Taylor, Celestia J., G.... Pleasant View
Taylor, Curtis Ray, a-F.............. Provo
Taylor, Darwin Martell, c-F .... Spanish Fork
Taylor, Eldon R., a-F .... Loa
Taylor, Floy M., a-J................ Moroni
Taylor, Floyd R., c-So.............. Provo
Taylor, Frank B., ap-F.............. Provo
Taylor, Fred R. Jr., ss.......... Springdell
Taylor, G. Lee, e-S .... Levan
Taylor, Irene Beard, a-F.......... Kamas
Taylor, Jennie M., ss .... Moroni
Taylor, Lenore, ss .... Colonia Dublan, Mex.
Taylor, LaMar, fa-Unm.. Burley, Ida.
Taylor, Lloyd D., a-J .... Rexburg, Ida.
Taylor, Lola, ap-S .... Provo
Taylor, Marguerite, c-J .... Thatcher, Ariz.
Taylor, Marie Hacking, fa-Sp.. Provo
Taylor, J. Golden, G, ss .... Snowflake, Ariz.
Taylor, Marion Hollis, a-J........ Provo
Taylor, Mary, a-F .... Provo
Taylor, Mary J. G ss .... Provo
Taylor, Mattie, G, ss .... Provo

Taylor, Maxine, fa-So .... American Fork
Taylor, Nancy Whitaker, c-F .... Green River, Wyo.
Taylor, Nellie Jane, a-So .... San Francisco, Calif.
Taylor, Noel, a-F .... Payson
Taylor, Norma Jean, a-F ....Provo
Taylor, Richard S., fa-So........Provo
Taylor, O. Kenneth, F. ....Provo
Taylor, Rinda, a-F .... Col. Dublan, Chih, Mex.
Taylor, Ruby, e-So........E. Paso, Tex.
Taylor, Rulon Ellison, a-F........Provo
Taylor, Sherwin Golden, c-So .... Payson
Taylor, Shirley, c-So .... Raymond, Alberta, Can.
Taylor, W. Vaughn, a-Unm .... Salt Lake City
Taylor, Walter Sam, ap-F........Provo
Tea, LeGrande, G ....Riverton
Teeples, Vera, ss .... Rexburg, Ida.
Terry, Allen Parshall, ap-J .... Salt Lake City
Terry, Beverly Gayle, a-F..Hinckley
Terry, Ernest Bardell, ss....Spring City
Terry, Evan Ray, c-S........Provo
Terry, Jessie, a-F........Delta
Terry, Ruth Woodruff, G .... Salt Lake City
Tervort, Jack Lee, a-F....Baker, Nev.
Tew, Helen, c-F ....Louisville, Ky.
Tew, Merlene, ss ....Mapleton
Thacker, Luella, e-J ....Provo
Thatcher, Clifton L., a-F........Provo
Thatcher, George Lee, ap-F....Provo
Thatcher, Leolia Pearl, ap-So .... Clawson
Thatcher, Louise K., ap-So .... Springville
Thayne, June, a-S, ss........Wellington
Tholen, Venerly June, c-F......Midvale
Thomas, Adrian A., fa-So .... Richmond
Thomas, Burke Ruben, ap-F .... Salt Lake City
Thomas, Ila, e-F ....Spanish Fork
Thomas, Joan Margaret, a-So .... Salt Lake City
Thomas, Josephine, ss Manassa, Colo.
Thomas, Marguerite, fa-J ....Manassa, Colo.
Thomas, Myron M., c-F........ Manassa, Colo.
Thomas, Paul Frank, ap-F......Payson
Thompson, Blodwen, e-So........Provo
Thompson, Burton M., e-Sp......Salina
Thompson, Jane, fa-F......Malta, Ida.
Thompson, Naomi, e-So .... Salt Lake City
Thompson, Ralph Wallace, a-F .... Hiawatha
Thomson, Faun Eva., e-J......Richfield
Thompson, Geraldine Anna, ss ....Ephraim
Thorne, Ivan, c-F .... Provo
Thornock, Willa Lucille, ap-S .... Randolph
Thornton, Julia, ss .... Delta
Thornton, Virginia, c-F .... American Fork
Thorpe, Zelma, e-J .... Springville
Thorson, Edith, a-So........ Provo
Thorson, Joseph, a-Unm........Provo
Threet, Ivan, a-So........Lovell, Wyo.
Threet, Lilas F., ss ....Lovell, Wyo.
Thunell, Roland Frederick, e-F..Provo
Thurber, Glendon, a-F........Provo
Thurman, Eliabeth, ss........Provo
Thurman, Kay Lee, a-F........Provo
Thurston, Kimball D., c-So........Provo
Thygerson, Hyrum L., ss........Manti
Tibbetts, Ted, a-F........Moab
Tidwell, Bert E., c-S........Wellington
Timpson, George William, a-So .... Bountiful
Tippetts, Joseph Eli, fa1So .... Springville
Tippetts, Perry M., fa-So........Delta
Tippetts, Twain, G ....Ephraim
Tipton, Vernon John, a-F..Springville
Tobler, Lois Jean, fa-J .... Las Vegas, Nev.
Tobler, Ren Evelin, ss .... Mesquite, Nev.
Todd, Beth, fa-S, ss......Denver, Colo.
Todd, Burton McLain, a-F .... Denver, Colo.
Tolboe, Donna Maurine, a-S......Provo
Told, Bill Morris, a-F .... Pleasant Grove
Told, Elizabeth Leone, e-So .... Pleasant Grove
Told, Leone N., ss......Pleasant Grove
Tolhurst, Gilbert, ss........ Ogden
Tolman, Rex C., e-S Murtaugh, Ida.
Toomey, Eleanor, Norma, fa-J .... Sandy
Tooth, Bessie, ss ....Manti
Townley, Ann Louise, c-F........Eureka
Traher, Kay Margaret, a-J........Provo
Tree, Genevieve, fa-F........Park City
Tregaskis, Lyle Richard, a-F .... American Fork
Tregeagle, Delbert Van, ss........Provo
Tregeagle, Phillis, Rebecca ....
Trunkey, Esther Helen, c-F........Provo
Trunnell, Jack Byron, a-J .... Whiting, Ind.
Trunnell, Nancy Jane, fa-So .... Whiting, Ind.
Tucker, Martha Lu, a-J .... Lewisville, Ida.
Tucker, Vivion, e-F........Fairview
Tueller, Jack LeRoy, fa-So .... Evanston, Wyo.
Teuscher, Alvin J., G........Roosevelt
Tuft, Allen L., ss ....Emery

Tuft, Beth, ss ... Monroe
Tuft, Grant Godbe, op-F. ... Salt Lake City
Tuft, J Reed, a-S ... Heber
Tuft, Max B., op-Sp ... Monroe
Turley, Stanley Frederick, op-So ... Aripine, Ariz.
Turner, Dean L., e-So ... Sunnyside
Turner, Floy L., e-Sp ... Provo
Turner, Ida Pearl, op-Sp ... Provo
Turner, Glen, fa-Sp, ss ... Springville
Turnquist, Shirley, fa-S ... Ogden
Tuttle, Katherine, c-Sp ... Springville
Tuttle, L. Elliott, ss ... Provo
Twelves, Wendell, c-F ... Spanish Fork
Tyler, Henry Howard, a-F ... Ontario, Ore.
Tyndall, Clarence, ss ... Deep Run, N. Car.
Tyndall, James Clifton, c-F ... Deep Run, N. C.
Udall, Stanley Layton, op-So ... Eagle, Ariz.
Ungermann, Ralph, G ... Huntington
Ungermann, Bernice Kelley, fa-Sp ... Shelley, Ida.
Ure, Eva, a-F ... Kamas
Utley, Quentin E., a-S ... Richfield
Utvich, John, c-S ... Los Angeles, Calif.
Valentine, Amy Y., e-S ... Provo
Valentine, Lee Benson, G ... Provo
Van Alstyne, Alvin Guy, a-F ... Beechhurst, N. Y.
Vance, Clair W., fa-So ... Fairview
Vance, David Harris, c-S, ss Provo
Vance, Serena B., ss ... Provo
Van Cott, Maurine Ruth, a-F ... Provo
Van Wagenen, Dean E., G ... Provo
Van Wagenen, Donna Myrtle, fa-Sp, ss ... Provo
Van Wagenen, Elroy, ss ... Midway
Van Wagenen, Ferdinand, ss ... Midway
Van Wagoner, Merrill Y., G ... Midway
Vest, Gene Roy, c-F ... Payson
Viklund, Eric A., c-S ... Spanish Fork
Voorhees, Rita May, c-F ... Gunnison
Wade, Bessie, e-J ... Ogden
Wade, Blanche Jean, a-F ... Rawlins, Wyo.
Wadley, Jessie Robertson ss ... Pleasant Grove
Wadsworth, F. Don., e-S ... Panaca, Nev.
Wadsworth, James Leo, a-F ... Panaca, Nev.
Wadsworth, Jo e-So ... Panaca, Nev.
Wagstaff Amy e-S American Fork
Wakefield, June, c-So ... Huntington
Wakefield, Leland Birt, fa-F ... Breckenridge, Colo.
Walker, Alta E., ss ... Pleasant Grove
Walker, Anne Marie, a-F ... Pleasant Grove
Walker, Frank R., a-F ... Vernal
Walker, Horace Keetch, op-J ... Provo
Walker, Maxine, c-F ... Provo
Walker, Orvel R., op-Unm ... Pleasant Grove
Walker, Robert Harris, a-So ... Raymond, Alberta, Can.
Wall, Alonzo Edward Jr., ss ... Goshen
Wall, Carma, op-F ... Jensen
Wall, Jason, Alonzo, G ... Payson
Wall, Ruby, c-F ... Wallsburg
Wall, Vonda, e-F ... Jensen
Wallace, Karl Milles, e-J ... St. George
Wallin, Phyllis, c-F ... Murray
Walsh, Ida., e-So ... Farmington
Walsh, Reed Harmer, G ... Farmington
Walters, Gwenith Darlene, c-F ... Blackfoot, Ida.
Walters, Jack Haun, e-F ... American Fork
Walton, John Norman, op-J ... Provo ... Provo
Wanlass, Dorothy Claire, a-F ... Logan
Ward, Keith Whitney, op-S ... Parowan
Ward, Maxine, op-F ... Bloomington, Ida.
Ward, Rhea Constance, e-F ... Bloomington, Ida.
Wardell, Donna Lou., fa-F ... Helper
Wardle, Lelen Taylor, op-So, ss ... Provo
Ware, Bruce, e-F ... Orangeville
Warner, Joe Harold, c-So ... Fillmore
Warner, John F. Jr., e-Sp, ss ... Spanish Fork
Warner, Mont Marcellus a-J ... Welso, Calif
Warner, Orvil Rex, a-J ... Las Vegas, Nev.
Warnock, Adolphus Peter, G. ... Pleasant Grove
Warnock, Elayne, a-J ... Sigurd
Warnock, Idell, e-J ... Sigurd
Warnock, Marie, a-F ... Sigurd
Wasden, Virgie S, ... ssKaashcrem
Washburn, Jesse Alvin, sp ... Provo
Washburn, Lydia, ss ... Farmington, N. Mex.
Washburn, Verde, ss ... Blanding
Washburn, Woodrow Clinton, e-J ... Provo
Waspe, Ileen A., G, ss ... Salt Lake City
Waters, Merle Blanche ss ... Rigby, Idaho
Watkins, Arthur Rich, a-So ... Provo
Watkins, Don R., c ... Orem
Watkins Venna c-F ... Orem
Webb, Buster James, c-F Kaysville
Webb, Charlotte, a-J ... Mesa, Ariz.
Webb, Jean, e-S ... Ogden
Weber, Jerry Fitzgerald op-F ... Santa Monica, Calif
Webster Olive Ann, e-So Charleston

Weed, Mark Barg, ap-F .... Salt Lake City
Weekes, Opal, ss ....Thornton, Ida.
Weeks, Don Bede, a-So..........Vernal
Weeks, Helen, ss........Pleasant Grove
Weenig, John, c-S ....Riverton
Weight, Blanche, a-So ....Provo
Weight, Brent Nelson, G..Springville
Weight, Phyllis, e-F............Springville
Weiland, Laura E., e-F............Jensen
Welch, Alycemay, ap-F .... Baer, Dregon
Welch, Carroll Burr, a-F .... Salida, Colo.
Welker, Elizabeth, ap-So .... Safford, Ariz.
Wellman, H. Keith, ap-So, ss..Jensen
Wells, Joseph Lovell, ap-J..Oak City
Wendel, Clarence John, e-J..Frontier
Wendel, George F., e-F..........Frontier
Wendel, Joseph W., ss .... Logendale, Nevada
Wentz, Don E., e-G.....................Provo
.... Clifton, Colo.
Wentz, Helen, ap-F .... Provo
Wentz, William Junius, a-So .... Pleasant Grove
Wert, Gerald Earl, fa- ....
Westenskow, Clifford, G .... LeGrande, Ore.
Westenskok, Woodrow, c-F .... LeGrande, Ore.
Westerdahl, Andrew Warren, c-F .... Boise, Ida.
Westergard, e-J ....Idaho Falls, Ida.
Weston, Eileen Fox, a-F .... Springville, Neb.
Westover, Leon, a-S....Rexburg, Ida.
Wheeler, Helen, ss..............Springville
Whetten, Leland S., c-S..Chicago, Ill.
White, Beth, e-So ....Monroe
White, Bob Owen, G ....Provo
White, Charles William, fa-So .... Bountiful
White, Edythe, fa-J .... Provo
White, Faye, ss .... Provo
White, Frances, Fay, G...............Provo
White, Barnes Ida Belle, e-S .... Springville
White, Lacy O., ss ....Pleasant Grove
White, Lola B., e-Sp, ss....Springville
White, Paul L., a-Sp ....Glenns Ferry, Ida.
Whitehead, Calvert Watson, G .... Salt Lake City
Whiteley, Blanche, ap-Sp .... Oakley, Ida.
Whiting, Ben Lewis, c-F....Wallsburg
Whiting, Nathan Tenney, fa-J ...... St. Johns, Ariz.
Whiting, Orlon B., a-F....Weiser, Ida.
Whiting, Ray, ap-So............Mapleton
Whiting, Stewart, c-F..........Mapleton
Whiting, Venice, fa-So, ss .... Springville
Whitlock, Aldous Que, a-S .... Gunnison
Whitlock, Edith, e-J ....Mayfield
Whitlock, Loyd, G .... Mayfield
Whitlock, Royal Carl, fa-So .... Gunnison
Whitney, Earl Lewis, a-J..Springville
Whitney, LeJeune, fa-F......Springville
Whitney, Norman K., fa-J....Mendon
Whitwood, Kenneth Reid, G., ss .... Spanish Fork
Wiemer, Fred, e-J..Santa Ana, Calif.
Weight, Janice, e-F..............Brigham
Wight, Leonard, fa-Sp..........Brigham
Wight, Muriel, e-J................Brigham
Wightman, Doramae, a-F........Payson
Wightman, John Alden, a-F .... Salt Lake City
Wightman, Wallace Joseph, ap-So.. Payson....
Wilcken, Phyllis, ss....Salt Lake City
Wilcox, Vesnon Davis, G..Salem, Ore.
Wilde, Dorothy, c-Sp................Provo
Wilde, Emilie Mae, fa-F....Hiawatha
Wilde, Leland, ss ....Coalville
Wilkie, Janette, ss........Driggs, Idaho
Wilkins, Willard B., a-F .... Idaho Falls, Ida.
Willardsen, Melba Eva, e-J..Ephraim
Willardsen, Pearl Eva, e-S....Ephraim
Willden, Esther Corilla, e-J, ss ...... Mancos, Colo.
Willams, Ada Marie, ss .... Blackfoot, Idaho
Willams, Carroll, fa-Sp..............Provo
Willams, Dale, a-So..................Kamas
Williams, Dean Robert, c-J....Ogden
Williams, Dora, c-F..............Bountiful
Williams, Edith Cavell, a-F....Vernal
Williams, Emmons, Nelson, ss ...... Pocatello, Idaho
Willams, James Jay, e-J..Grantsville
Willams, Mae, c-Unm................Provo
Williams, Mildred, e-F..Spanish Fork
Williams, Myrra Ann, c-J..........Price
Williams, Nevin Ray, fa-F........Provo
Williams, Roger, a-S........Hamer, Ida
Williams, Wanda, e-So................Price
Williams, Waldon, a-So..Spanish Fork
Willis, Dean Smith, ap-F............Lehi
Willis, Della Ann, ss........Mesa, Ariz.
Willis, Veach Lionel, ap-F .... Winslow Ariz.
Wilson, Boyd L., e-S...............Payson
Wilson, Cecil, e-Sp ....Eureka
Wilson, Clara, e-Sp ....Provo
Wilson, Elaine Rachel, e-J....Midway
Wilson, Geneva, e-J ....Midway
Wilson, Glenn Collimore, a-F ...... Garfield
Wilson, Ida Lucille, c-So..........Nephi
Wilson, Jack Frederick, ap-So ...... Park City
Wilson, Jane, c-F .... Payson
Wilson, LeRoy Keith, a-So........Ogden

Wilson, Lyndon David, a-F....Payson
Wilson, Max C., a-J .... Provo
Wilson, Melissa S., a-Sp, ss......Provo
Wilson, Patricia, ap-F..................Provo
Wilson, Thelma G., e-F...............Provo
Wilstead, Sam Francis, a-F......Provo
Wiltbank, M. Elene, fa-So .... Eagar, Ariz.
Wiltbank, Milford Jay, ap-F .... Eagar, Ariz.
Wiltbank, Norman Hal, ap-F .... Eagar, Ariz.
Wing, George Howard, ap-So .... Edgemont, S. Dak.
Winn, E. L., ss ....Castle Gate
Winn, Ben Thomas, a-So .... Salt Lake City
Wintch, Vera, e-S .... Manti
Winterhouse, John, e-F .... Tacoma, Wash.
Winters, Que Selley, ap-So.................. .... Castle Dale
Wiscombe, Edna, e-F...........Mapleton
Wiscombe, Leland .... Roosevelt
Wiscombe, Raymond, e-J....Roosevelt
Wiscombe, Wilma, c-F ....Provo
Wiseman, Orvin, c-F .... Provo
Witney, Frank Bringhurst, e-So...... .... Springville
Wolframm, Rudolph Herbert, fa-F .... Meiafu, Varvaw, Tonga
Wolsey, Heber Grant, c-So .... Cardston, Alberta, Can.
Wolsey, Louis M., c-J .... Cardston, Alberta, Can.
Wolz, Russell, fa-S .... Byron, Wyo.
Wood, Donald A., ap-F.............Murray
Wood, Elaine, c-J .... Helper
Wood, Fred, a-So .... Cardston, Alta., Can.
Wood, Hannah La Von, ss .... Colonia Juarez, Chih N. M.
Woodland, Byron B., fa-J..........Provo
Woodruff, Asahel Davis, ss .... Salt Lake City
Woodward, Robert M., e-J....Ely, Nev.
Woolton Harold W., ss...............Provo
Wooley, Cloyd, ap-J..................Vernal
Woolf, Aenone, a-J......................Provo
Woolf, Anthony DeVoe, G........Provo
Woolf, Wilbur C., a-J .... Provo
Woolf, William Tanner, a-So .... Bayside, N. Y.
Wootton, Barbara Rae, c-F......Heber
Wootton, Leo Hansen, a-Unm .... American Falls Ida.
Worlton, Dan C., a-F ....Lehi
Worlton, Dean T., G ....Lehi
Worlton, Esther Jean, e-.............Lehi
Worthen, Vernon, ss .... St. George
Worthington, Merrilla, e-So......Provo
Worton, Edith Ethel, ss.............Ogden
Wright, Albert H., ss ....Clearfield
Wright, Beth Anne, e-Sp....Fillmore
Wright, Elaine, fa-F..Blackfoot, Ida.
Wright, Fern, c-F...............Charleston
Wright, Florence June, e-J.........Lehi
Wright, Geo. M., ss ....Hinckley
Wright, Gordon LuGene, c-F .... Pleasant Grove
Wright, Kendall, R., a-F .... Twin Falls, Idaho
Wright, Lola Dawn, a-F.........Hinckley
Wright, Mary Dorius, fa-J .... Salt Lake City
Wright, Niles, a-F.........................Provo
Wright, Robert L., ss ....Logan
Wycherly, Darwin Harry, ap-F .... Hiawatha
Wycherly, Gaylen Lloyd, ss .... Hiawatha
Yano, Mas, c-J .... Provo
Yarn, Charles Presh, Jr., a-F .... Atlanta, Georgia
York, Eleanor, e-J.........Spanish Fork
Young, Darroll Porter, ap-S......Provo
Young, Florence, c-Sp..................Provo
Young, Gene, fa-So.............Blanding
Young, James Warren, fa-F......Kanab
Young, Lillian, c-So.......................Provo
Young, Lorraine ...... La Vita, Colo.
Young, Meldrum, a-F .... Idaho Falls, Ida.
Young, Miriam, fa-Sp..................Provo
Young, Raymond Vern, a-Sp....Provo
Young, Walter Ernest, ss .... Colonia Juarez, Chih, Mex.
Young, Willard LaGrande, a-Unm.... .... Provo
Zabel, Edwin A., G ....Provo
Zabriskie, Emma, c-S, ss ....Provo
Zimmerman, Cecil J., a-F...........Lehi
Zinn, Martha Charlotte, fa-S..Ogden
Zufelt, Dick, a-F .... Moab
Zwahlen, Barbara, ap-F..Woods Cross

Summary of Students for 1939-40

Graduates	144	
Seniors	360	
Juniors	536	
Sophomores	592	
Freshmen	968	
Unmatriculated	60	
Specials	232	
		2894
Summer School 1939:		
Graduates	181	
Other University Students	427	
Correspondence and Extension		402
Secondary Training School:		
Senior High School	108	
Junior High School	99	
		207
Elementary Training School		228
		4339
Less duplications		197
Number receiving institutional credit		4142

INDEX

Page
Accounting and Business Administration 96
Accrediting of B. Y. U. 37, 224
Administrative Officers 6
Admission 56
Ag. Club 44
Agricultural Economics 108
Agronomy 75
Akkadian 173
Alpha Kappa Psi 46
Alumni Association 66
Animal Husbandry 78
Aramaic 172
Art 81
Associated Students 42
Associated Men Students 42
Associated Women Students 42
Authorities of Brigham Young University 4
Awards 49
Bacteriology 86
Beta Beta Beta 46
Bible and Modern Scripture 199
Biblical Languages 201
Blue Key 46
Board of Trustees 4
Botany 88
B. Y. U. Women's Organization 47
Calendar 5
Chemistry 91
Church History 204
Church Organization and Administration 205
Church School Officials 4
Classics 171
Classification of Students 58
Clothing and Textiles 141
Clubs and Societies 43
Collections, Special Scientific and Art 54
College of Applied Science 68
College of Arts and Sciences 69
College of Commerce 71
College of Education 71
College of Fine Arts 72
Commerce 96
Committees, Standing 32
Correspondence Courses 225, 226, 228
Course Divisions 57
Courses of Instruction 75
Credits 58
David Starr Jordan Biology Club 44

Dean of Men 52
Dean of Women 52
Departmental Organizations 43
Departments of Instruction 38
Delta Phi 47
Discipline 51
Drama League 44
Drawing 162
Economics 106
Education 110
Educational Administration 112
Election of Studies 57
Elementary Education 112
Elementary School Faculty 236
Elementary Training School 236
Endowments 41
Engineering 164
English 123
Entomology 221
Enrollment of Students 256
Entrance requirements, Undergraduate 56
Executive Committee 4
Extension Classes 225
Extension Division 223
Extension Services 227
Extra Curricular Participation 66
Faculty 7
Faculty Fine Arts Club 47
Fees 39
Finance and Banking 100
Foods and Nutrition 145
Fraternities, National 46
Free Lecture and Entertainment Service 228
French 165
Gamma Phi Omicron 44
General Requirements for Under-Graduate Work 56
Geographical Club 46
Geology and Geography 130
Germanics 169
Gold "Y" 43
Graduate Club 45
Graduate Scholarships 48
Graduate School 63
Graduates 242
Graduation Requirements 59
Graduate Work in Education 118
Greek 171, 202
Group Requirements 60
Hebrew 172, 201

High Schools 237
History of University 35
History 135
Home Economics 141
Home Economics Club 45
Home Study Service 224
Horticulture 150
Household Administration 147
Instrumental Music 176
Italian 169
International Relations Club 46
Journalism 154
Junior High School 237, 239
Landscape Architecture 153
Latin 171
Leadership Institutes 228
Library 53, 157
Linguistics 173
Literary Club 45
Literature, General and Comparative 129
Loan Funds 41
Lyceum Course 74, 228
Major and Minor Requirements 61
Marketing 101
Master Degree Requirements 64
Mathematics 157
Mechanic Arts 159
Mechanics 159
Medical Director, Function of 52
Modern and Classical Languages 165
Modern Language Clubs 44
Modern Scripture 200
Music 174
New Testament 200
Non-Student Organizations 47
Office Practice 105
Omega Nu 46
Organization of University 38
Phi Chi Theta 47
Phi Delta Phi 46
Philosophy of Education 115
Physical Education 180
Physics 188
Placement Tests for Freshman English 124
Political Science 191
Pre-Engineering Course 70
Pre-Medical Course 70
Pre-Legal Course 70
President's Club 42

Psychology 195

Refunds 40

Religion, Division of 73, 199

Romanic Languages 165

Scholarships 48

Scholarship Honors 65

Secondary Education 117

Secondary School Faculty 235

Secondary School Curriculum 239

Senior High School 237, 238, 239

Sigma Pi Sigma 47

Semitics 172

Social Unit Organization 43

Sociology 207

Spanish 167

Special Instructors 32

Speech 211

State Requirements for Teaching Certificates 62

Student Employment 51

Student Enrollment 256

Student Expenses 40

Studio Guild 45

Summary of Students 289

Summer Session 73

Syriac 172, 201

Tau Kappa Alpha 46

Teaching Certificates, State Requirements 62

Teaching Major and Minor, The 61

Teaching Major in Agriculture, Requirements for 68

Teaching Major in English, The 124

Teaching Major in Journalism, The 154

Term Honors 66

Theology and Religious Philosophy 202

Theory of Music 174

Theta Alpha Phi 46

Training Schools 235

Visual Aids Service 227

Vocal Music 178

White Key 43

Women's Clubs, Programs for 228

Y. Chemical Society, The 45

Y. Psychological Society 45

Yeshara 45

Zoology and Entomology 216